

Success Story of Fish Based Integrated Farming System

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Name of KVK

: Krishi Vigyan Kendra , Rohtas, Bihar

2922



- Crop & variety : Quail Farming along with Hatchery, Fish Farming
 Farmers Name & Address : **Sri Kumar Premchand**
 S/O- Sri Vishvnath Singh
 Vill- Madaripur
 Post+Thana- Tilauthu
 Distict-Rohtas ,Bihar-802212 ,
 Mobile No-80847-31152
Aadhar No: 5487-1527-9411
- Background Information : Mr. Prem is the youngest among his three brothers. After completing his Matric studies, he was attracted towards fish farming in a single pond of his family. He started doing fish farming on a single pond until 2014, when he visited KVK, Rohtas. KVK, Rohtas helped him by giving training of scientific fish farming and technical support in doing so. KVK also liaisoned with the line departments (Fish farming department and Soil conservation department). With this he enhanced his fish farming and presently he is having 11 pounds in 1 hectare area. Since he is very much linked with the activities of KVK, Rohtas, he took training of Quail farming in the year 2015. Looking at the better prospects of quail farming in the district, he built a hatchery unit of the same along with the quail farming. Presently, he has redefined the quail business in the district and is transporting chicks and adult of surrounding district of Bihar and Uttar Pradesh. He is also involved in Guinea Fowl (China Murgi) , Emu and Other crop farming in marginal scale.
- Technology Demonstrated : Quail Farming along with Hatchery, Fish Farming
 Institutional Involvement : Krishi Vigyan Kendra, Rohtas is involved in training and technical support to the farmer along with its linkage with the line department for monitory and machinery support.
- Success Point : Scientific fish farming along with his skill of preserving the young ones of fish in extreme winter enables him to produce yearling which fetch high growth rate(double) in next season and also fetch him 4-5 times higher profit in selling of yearlings (Rs. 4.00 compared. It also increased self-dependence in having quality fish for next season. Having Quail hatchery in the district enables him to regulate the price of chick in the other districts of Rohtas and Uttar Pradesh. His low price of chicks and less cost incurred in transportation enables him to deliver quality chicks at reasonably low price. presence of his own hatchery unit gives him freedom to produce adult birds at nearly Rs 6-8/- lesser when compared to other farmers.
- Outcome : The scientific fish, quail farming gave him high reputation and bountiful profits. His success motivated other farmers of the district to adopt fish and quail farming. In Quail farming Mr. Prem single handedly regulated the market price of the chicks and adult birds. He enhanced the profits other farmers by giving them cheaper chicks and selling adult birds at higher rate in and around Rohtas district. He is a source of inspiration for other farmers of the Rohtas district as well.



Practice used	Total cost of cultivation	Gross income	Net income	Cost benefit ratio
Quail Hatchery (6000 chicks /week for 4 months)	2520000.00 (Rs. 70000/week for 9 months)	3240000.00 (Rs. 90000/ Week for 9 months)	720000.00 (Rs.20000/ week for 9 months)	1.29
Quail Adult bird sale (@ 35/- bird)	1705000.00 (@ Rs. 31/-Bird, 5000.00 Bird/ month for 11 month)	1925000.00 (@ Rs. 35/- Bird, 5000.00 Birds for 11 months)	220000.00 (@ Rs. 4/- Bird, 5000.00 Birds / month for 11 months)	1.13
Pangas Fish (45000 Yearlings)	800000.00	1400000.00	600000.00	1.75
Roop Chanda Fish (5000 Yearlings)	200000.00	350000.00	150000.00	0.57
Other Fishes (Rohu, Nayan, Katla @ 400 Kg)	50000.00	150000.00	100000.00	0.57
Crops	60000.00	180000.00	120000.00	0.57
Total	5935000.00	6645000.00	1910000.00	1.12

