

# Higher Income from backyard poultry to farmers

## Background:

Poultry farming in rural areas is an important means of livelihood and food security. The district wise poultry population in Rajasthan under backyard and organized farm as per census 2007 depicted that only 9 districts namely Ajmer, Churu ,Jhunjhanu, Alwar, Bhilwara, Bundi, Hanumangarh, Jaipur and Sikar had majority at 96.82% improved birds of the state while remaining 23 districts had only 3.18%. It showed that in Rajasthan still majority of poultry birds are maintained under backyard/free range system with native/ deshi birds.

The major constraints of backyard poultry are low production potential of birds and lack of improved germplasm which can thrive and survive well in backyard/ free range conditions without expensive inputs like feed and disease management etc. which in turn can contribute substantially to raise the overall per capita availability of egg and meat for nutritional security as well as employment to rural women or youth for their livelihood security in rural and tribal dominating areas. Another major constraint is accessibility of improved germplasm at door step. Therefore an initiative was taken in Bhilwara district to supply improved germplasm and backyard poultry, trai farmers with latest poultry technologies and provide other input support so that farmers can be self-sustained in backyard poultry farming.

## Objectives:

- To establish brooding and rearing unit of improved germplasms (Pratapdhan and Kadaknath) at Farmers door step.

## Interventions:

Name of Farmer: Shri Abdul wahidChouhan

Address: Madar colony, Banswara,  
Rajasthan



Shri Abdul wahidChouhan, has a total 5 acre of land out of which 2 acre is non-irrigated. He developed interest in integrated farming system mainly by including poultry in the cropping system. For acquiring information on the new subjects he approached Krishi Vigyan Kendra, Banswara. There he participated in various training programmes like Integrated farming system, backyard poultry etc.

He initiated backyard poultry farming in two sheds of 200 sqft each. He was given Partapdhan and Kadaknath a dual type variety of chicken developed by ICAR- AICRP on Poultry Breeding, MPUAT, Udaipur. His interest was ignited when he visited Poultry unit of College of agriculture, Bhilwara, Maharana Pratap University of agriculture, Udaipur. He started backyard poultry production with 1000 birds of Kadaknath and Partapdhan in early 2021 and 2000 day old chicks in 17.9.2021.

## Outcomes:

Proper housing, feeding and disease management of birds led to early maturity (1.4 kg body weight gain in 3 months) in birds and early first egg lay (at 22 weeks of age). He could sale cocks and hen @ 700/ bird after 5 months of age. Keeping backyard poultry helped him in generating cost of daily expenses of his farm and utilization of farm labours judiciously. Farmer earned a net income of Rs. 3 lakh and 2.5 lakh/ year. It also help to provide employment to family members. It provide a confidence among farmers and also motivated other farmers.

No. of birds	Total cost (Rs.)	Gross income (Rs.)	Net income (Rs.)
1000 6 weeks chicks	400000	700000	300000
2000 day old chicks	360000	610000	250000

## Lessons learnt:

In order to increase livestock production & productivity, it is essential to provide input services (Breeding, Feeding & Health) to the farmers and to create awareness among the farmers about the newer technologies through extension network system.

The literacy and unawareness among the farmers and livestock owners are the major constraints which need to be addressed with sufficient amount to print and broadcast IEC Material and for such purpose funds are being provided under RKVY.

## Photographs:



**Rearing of the Kadaknath breed in grower house**



**Different types of breed 4 to 6 week rearing in brooder house**



**Rearing of day old chicks in brooder house.**

## Additional information:

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