

## Poultry cum crop production system: Success story of a progressive farmer

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### Introduction

Livestock plays an important role in Indian economy. About 20.5 million people depend upon livestock for their livelihood. Livestock contributed 16% to the income of small farm households as against an average of 14% for all rural households. Livestock provides livelihood to two-third of rural community. It also provides employment to about 8.8 % of the population in India. India has vast livestock resources. Livestock sector contributes 4.11% GDP and 25.6% of total Agriculture GDP. The livestock plays an important role in the economy of farmers. The farmers in India maintain mixed farming system i.e. a combination of crop, livestock and poultry etc where the output of one enterprise becomes the input of another enterprise thereby realize the resource efficiency. These enterprises not only supplement the income of the farmers but also help in increasing the family labour employment. The farm wastes are better recycled for productive purposes in the integrated system.

Mr. Manoj Kumar Singh Vill.- Pachgawan, Post- Badhya chauk, Block- Jungle Kaudiya, District- Gorakhpur, size of land holding 2 Hectare. His aged 35 years old and qualification has Graduation. The Village Pachgawa located in 30 km away from District Headquarter and 5 km from MGKVK Chaukmafi. His income ranged from 1.5 -2.0 lakhs annually from rice-wheat –cropping system and was not sufficient for their 08 members family needs.

### Description of Intervention and process undertaken

In year 2018 he participated in trainings organized on Scientific poultry farming by Mahayogi Gorakhnath Krishi Vigyan Kendra, Gorakhpur (UP). After that of he created awareness to start lard scale poultry farming as an enterprise and in guidance of KVK Animal Scientist he established 1500 capacity broiler and 1000 Desi (Kadakhnath, Turkey, Banraja and Aseel) well developed poultry farm and 4.5 acre area under crop production. Now he is earning up to Rs. 8.50 lakh/annum by selling poultry and crop production (Paddy and



Wheat). Poultry farming integrated along with crop production made better utilization of resources, substantially with proper nutrition, diseases control and management provides more profitable income.





### **Photographs of Poultry cum crop production system**

#### **Outcome-Annually profitable income**

**Output:** Total annual cost of 11700 birds (1300 birds/batch of 9 batch/year) =Rs.15.3 lakh

Total annual income from poultry farm = 3.70 lakh

Total annual cost of 3000 Desi birds (1000 birds/batch of 3 batch/year) = 4.50 lakh

Total annual income from Desi poultry farm = 1.65 lakh

Total annual cost of crop production in one 4.5 acre/year) =Rs.1.00 lakh

Total annual income from paddy/wheat = 3.10 lakh

#### **Outcome-Annually profitable income:**

Total annual income from broiler poultry farm=Rs. 3.70 lakh

Total annual income from Desi poultry =Rs. 1.65 lakh

Total annual profitable income = Rs. 3.70 lakh +1.65 lakh + 3.10 lakh = Rs. 8.45 lakh  
/year

**Outcome:** After getting good return from poultry, he added in farming system. In this way he got more profit and their socio-economic status are increasing among the farmers. These enterprises are not only the good source of good income but also generating the employment to the farmers.



**Impact:** Mr. Manoj Kumar is becoming one of the progressive and learned farmers to others with regards to popularization of Desi and Broiler farming. This technology helps him for livelihood, empowerment. Now this technology is adopted by farmers by seeing and believing in nearby villages.

