



Enabling Rural Youth to Generate Extra Income through Back Yard Poultry Rearing under ARYA Project in East Champaran

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Authors' contributions

This work was carried out in collaboration among all authors. All authors read and approved the final manuscript.

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ABSTRACT

After Backyard Poultry farming enterprise a monthly income of every member of group is increased up-to Rs. 10500/- per youth per month as in addition to income from agriculture and other sources. This income was calculated on the basis of their yearly income. The consumers are getting healthy and pure chicken and eggs to consume. The farmer getting higher rate of products because of

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reducing mediator and transportation cost. This sets a good example to attract and retain of youth in agriculture at village level. This also enables youth to production of fresh chicken, eggs and good quality of manures from poultry farm.

Keywords: Backyard poultry rearing; livelihood; doubling farmers income.

1. INTRODUCTION

In view of doubling farmer's income poultry farming may become a milestone. Raising different domestic birds commercially for the purpose of meat and egg production and their excreta as manure comes under poultry farming. It doesn't require high capital for starting as well as not a big space. Probably it ensures high returns of investment in a very short time period. Unemployed educated/uneducated youth can easily make a great income by raising poultry commercially.

The population of about 65% of district East Champaran is youth. There are about 55.79% overall literacy rate in the district. Farmers of the district are mostly growing crop like rice, pigeon pea during Kharif season while wheat, maize and lentil in Rabi season. It is alarming that the growth rates of productivity have declined for overall period for most of the crops except wheat, arhar, oil seeds and potato. This is somewhat matter of great concern, when all efforts are towards increasing yields with the help of implementation of new cultivation technologies [1]. Out of the whole population of Sankar Saraiya village, block Turkaulia of district East Champaran about 60% population is youth and the most of the people are engaged in farming and animal husbandry. Processing and value addition of agricultural commodities are helpful in increasing the income of the farming community. The major crops grown in the village are rice, wheat, sugarcane, lentil and vegetables with the water scarcity problem. Lower price of agricultural commodities is the second most issue of the region. Generally the youth of this village and surrounding area are migrated to cities for employment. Balance between men and women in society can be achieved only when both the sides are considered equal. Hence, ignoring the role of women especially in a developing state like Bihar cannot bring development in real senses. Farmer's income can be doubled by socio-technical interventions with the approach of increasing production and productivity and reducing cost of cultivation, reducing cost of human labour through mechanization, better grading and packaging of

produce, promoting local level processing with better drying and storage [2]. It is need to processing and value addition of agricultural commodities are required to be developed to push the pace of diversification with a view to raise the income of farming community.

2. PROFILE OF GROUP

Group of 15 rural youths in Shankar Saraiya village of Turkaulia block created enterprise and started Back yard poultry farm in their village.

3. INTERVENTIONS MADE

3.1 Back Yard Poultry farm at Shankar Saraiya Village

An enterprise of Back yard poultry farming has established with the objectives of selling of fresh and hygienic chicken to the society and to generate employment & income. The youths of this village were come in contact with Krishi Vigyan Kendra Piprakothi during awareness training programme of ARYA project conducted at different time intervals. They insisted to start the Back yard poultry farm in their village. The Krishi Vigyan Kendra, Piprakothi has been facilitated trainings and monitoring to establish Back yard poultry farm at Shankar Saraiya village of Turkaulia block on above mentioned 15 youths.

4. INPUT/SUPPORT PROVIDED TO YOUTH/GROUP

The group of rural youths was trained and demonstrated for the Back yard poultry farming. Amongst the youths 200 Chicks were provided by Krishi Vigyan Kendra, Piprakothi as critical input under ARYA project. There were 15 members in this group to establish Back yard poultry farm at Shankar Saraiya village of Turkaulia block, East Champaran.

5. PROGRESS MADE

Youth of the group started production of chicken and selling fresh chicken to consumers with "ARYA" brand logo and earned more profit as



Fig. 1. KVK, Piprakothi scientists visited to inspect the poultry enterprise developed by beneficiary trained under ARYA project at Shankar Saraiya village of Turkaulia block

compare to direct selling of these products to local market through mediators. Apart from this, they also started producing Chicken manure because it has the highest amount of nitrogen, phosphorus, and potassium and selling it to the nearby consumers. The youth of this group are selling chicken, eggs and manures linked with local organic market, advertising agency and non-government organizations using “ARYA” logo.

6. CONSTRAINTS FACED BY THE GROUP

Group faced constraints viz. first time marketing of chicken, eggs and manures, lack of technical skills, high initial investment etc.

7. PERCEPTION OF OTHERS IN THE VILLAGE

Viewing the success of the group of 15 youths, rural youth of other villages horizontally started Backyard Poultry farming enterprise for production of chicken, eggs and manures.

8. CONCLUSION

From the study it may be concluded that it sets a good example to attract and retain of youth in

agriculture at village level. This also enables youth to production of fresh chicken, eggs and good quality of manures from poultry farm.

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COMPETING INTERESTS

Authors have declared that no competing interests exist.

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