

Livestock Cum Vegetable Based Integrated Farming System: A Case Study of Progressive Farmer Lalman Prasad

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Situation analysis/ Problem statements:

Mr. Lalman Prasad lives with a family of seven in Mehadiganj village within Arajiline block of Varanasi district in Eastern Uttar Pradesh. His annual income ranged from .80 -1.0 lakhs annually from rice-wheat -cropping system that was not sufficient to fulfill their family needs. Besides this, his family was relies mostly on market for nutritional diet like seasonal vegetables, fruits, egg etc.

Plan, Implement and Support:

Mr. Lalman Prasad has been actively engaged with FPOs and has worked with the last 2 years. Though his previous experience was not overtly successful, he was joining the training programme on Integrated Farming System & got the benefit of ICAR- ARYA scheme that was implemented by KVK, Varanasi. The reason for his intrigue in the program was due to the nature of irregular income and nutritional security of the family. Lalman Prasad mentioned that prior to joining this program her family's diet lacked diversity and consisted mostly of the crops they could grow on their farmland or what they could purchase in the market. Mr. Lalman Prasad further noted that relying on the market for food can be costly; thus, their family could not expand their diets through the market.

Output:

After taking the advisory from the KVK he established a unit for usual rearing of fifty goats with 150 broiler and 100 Desi (Kadaknath, Turkey, Banraja and Aseel) poultry farm and establish one acre area under vegetable crop production. Now he is earning up to Rs. 4.50 lakh/annum by selling of Goat, Poultry and Fruits with Vegetable production (Tomato,

Brinjal, Chilli etc.). Livestock farming along with Vegetable & Fruits production made better utilization of resources, substantially with proper nutrition, diseases control and management provides more profitable income.

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: -

As a part of the programme Mr. Lalman Prasad and all participants are encouraged to increase food diversity within the whole village. Mr. Lalman Prasad is becoming one of the progressive and learned farmers to others with regards to popularization of Crop cum Goatry + Poultry based Integrated Farming System. This technology helps him for livelihood, empowerment. Now this technology is adopted by farmers by seeing and believing in nearby villages.



Multilayer cropping (Papaya+ Brinjal+ Tomato) field visited by the KVK Scientist



Intercropping of Chilli with Brinjal and Turmeric crop was visiting by KVK Scientist



Rearing of Desi Cow+ Goatry+ Poultry