

Beekeeping: A Successful Medium of Doubling the Farmer's Income

R.K. Singh¹, R.P. Singh², A.K. Singh³ and V.P. Singh⁴

¹Subject Matter Specialist- Agril. Extension, MGKVK, Gorakhpur (UP)-273165

²Senior Scientist & Head, KVK, West Champaran-II (Bihar)-845455

³Subject Matter Specialist- Agronomy, MGKVK, Gorakhpur (UP)-273165

⁴Subject Matter Specialist- Animal Science, MGKVK, Gorakhpur (UP)-273165

Introduction

Shri Narendra Pratap Singh forty-one years old, a 12th pass farmer of Rampur Gopalpur village of Chargawan block, District Gorakhpur has 1 hectare land, in which 2 acres have irrigation facilities and remaining are under rain-fed condition. He was unsatisfied with their farm income.

Plan, Implement, Support & Linkage with MKVK

Shri Narendra Pratap Singh is cultivating different cereal & oilseed crops in 3-acre area around the year but he was unable to earn sufficient income for better survival. One day to get more information on how to create an additional income from their farm he visited Apiary of the MGKVK at own expense. They met with Extension Scientist of MGKVK that was in charge of beekeeping unit, discussed and got three days of vocational training.



On completion of the training courses, Shri Narendra Pratap Singh started honey bee cultivation with one box. Earlier he faced problem of fly out of bees from colony. He again visited the Apiary of the MGKVK & got solution to their problems. Then, He has started with Italian bees and direct selling of honey in the market.

Output

The input cost and income of Shri Narendra Pratap Singh by adopting Beekeeping practice are given as follow.

Year	No. of boxes	Honey production (Kg)	Selling of Bee Boxes	Mom production (Kg)	Income (Rs)	Expense (Rs)	Net profit (Rs)
2019	10	100	02	05	38500	17000	21500
2020	20	250	06	15	100500	37000	63500
2021	35	320	11	21	164000	46000	118000

Outcome

Shri Narendra Pratap Singh harvested more higher than 25% yield by their oilseed crops due to better pollination and also got an additional income of Rs. 21500/-, 63500/- & 118000/- as a net profit for year 2019, 2020 & 2021, respectively.



Impact

Shri Narendra Pratap Singh earned an additional income of more than one lakh rupees with in the tree years of the business by adoption of latest technological interventions given by MKVK on Beekeeping. Recently, he purchased a Honey Extraction machine from income of the Honey. Now, he also motivates several farmers to adopt the scientific method of beekeeping by visiting the Mahayogi Gorakhnath Krishi Vigyan Kendra.