

Vegetable based Cropping System: A case Study of successful farmer Jayaram Yadav

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

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

²Subject Matter Specialist- Animal Science, MGKVK, Gorakhpur (UP)

³Senior Scientist & Head, KVK, West Champaran-II (Bihar)

⁴Subject Matter Specialist- Agronomy, MGKVK, Gorakhpur (UP)

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Introduction

Shri Jayaram Yadav seventy one year old, an illiterate farmer of Rakhukhor village of Jungle Kaudiya block, District Gorakhpur has four acres of land & all four acres have irrigation facilities. He is cultivating different vegetable crops in 2-acre area around the year. Earlier, he was growing different crops like Mustard, Pigeon pea, Gram, Wheat, Paddy and others by using the traditional system of cultivation like local varieties, no spacing, no seed treatment, flood irrigation, etc. But he was unable to earn sufficient income for better survival.



Plan, Implement, Support & Linkage with MKVK

Selection of villages during the survey by KVK Team, Shri Jayaram Yadav came in contact with KVK scientists and posed his agricultural problems. KVK team studied the

profile of his field and advised to production method of vegetables like brinjal, tomato, potato, coriander, okra, vegetable pea, lobia, onion, garlic, chilli etc., with scientific practices like seed treatment- fungicide/bio fungicide, integrated pest management (IPM) strategies, use of raised bed and scientific cultivation of seedlings/crops.

Output

On completion of the training courses, Shri Shri Jayaram Yadav is cultivating so many vegetable crops in their fields around the year. Now he is using improved variety seeds of tomato cv. kashiamrit, kashivishesh, pusasheetal, pusa 120; Chiili cv. Kashi anmol, kashiageti, pant C-1, arkalohit, Potato var. K. chandramukhi, K. badshah; Cauliflower var. madhuri, agetikuaari, Brinjal var. pant samrat, pant rituraj etc. in their cultivation practices.

Outcome

Shri Jayaram Yadav harvested higher yield and income by the application of technological interventions in vegetable crops. Details are given in tables.

S. No.	Crop name	Area	Cost of cultivation in respective area (Rs)	Annual Income (Rs)
1.	Brinjal	5 biswa	3000.00	26000.00
2.	Tomato	5 biswa	2500.00	12500.00
3.	Chilli	2 biswa	2000.00	8000.00
4.	Okra	2 beegha	30000.00	125000.00
5.	Potato	1 beegha	25000.00	75000.00
6.	Bottle gourd	1 beegha	50000.00	25000.00
7.	Bitter gourd	10 biswa	3000.00	15000.00
8.	Lobia	1 beegha	5000.00	30000.00
9.	Coriander	1 biswa	750.00	5000.00
10.	Garlic	3 biswa	2000.00	16000.00
11.	Onion	1beegha	10000.00	40000.00
12.	Cauliflower	4 biswa	2500.00	15000.00
	Total		135750.00	392000.00



Impact

Shri Jayaram Yadav earned about more than 2.5 lakh rupees in a year by adoption of the latest technological interventions given by KVK for the cultivation of vegetables. Recently, he purchased a four-wheeler from the income of vegetable crops. Now, he also motivates several farmers to adopt the scientific cultivation method of vegetables suggested by MahayogiGorakhnath Krishi Vigyan Kendra.