

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

Introduction:- Shri Jayaram Yadav (71), an illiterate farmer of Chikani tola of Rakhukhor village of Jungle Kaudiya block, District Gorakhpur has 4 acre land & all 4 acre 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 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 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 vegetable like brinjal, tomato, potato, coriander, okra, vegetable pea, lobia, onion, garlic, chilli etc., seed treatment with fungicide/biofungicide, 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. kashi amrit, kashi vishesh, pusa sheetal, pusa 120; Chiili cv. Kashi annmol, kashi ageti, pant C-1, arka lohit, potato var. K. chandramukhi, K. badshah; cauliflower var. madhuri, ageti kuaari, brinjal var. pant samrat, pant rituraj etc. in their cultivation practices.

Outcome:- Shri 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 latest technological interventions given by KVK for cultivation of vegetables. Recently, he purchased a four-wheeler from income of vegetables. Now, he also motivates several farmers to adopt the scientific cultivation method provided by KVK.

