



KRISHI VIGYAN KENDRA, JAMTARA

BIRSA AGRICULTURAL UNIVERSITY, RANCHI



ATARI Patna, Zone IV Success Story -2

Points	Area to be covered
Title of success story	Improve lively hood through watermelon production
Name of farmer & detail	Smt. Kajli Devi, w/o- Sri Subhas Mahto, Vill- Amla Chatar, Jamtara
Situation analysis	Smt. Kajli Devi has about 6 acre of land and previously engaged her self as small traditional farmers. After coming in contact with KVK, Jamtara, she adopted the different technology in commercial vegetable production viz. Brinjal, Watermelon, Green Gram, hybrid Maize etc.
Steps taken by KVKs	Training on different vegetable crops specially about selection of improved variety of different vegetable crops, package of practice, early/late hybrid seed, marketing strategy. Also incorporate her to CFLD & FLD programme of KVK
Detail of technology demonstrated	Mustard- Var. BBM-1, Sulphur @20kg/ha, 0.25% oxychloride for Insecticide, Brinjal/Okra/Maize hybrid var., FYM, Use of DAP, Urea, Potash and Boron and protective measure of Insecticide and pesticide Watermelon- Hybrid var. Jyoti, NPK 100:60:60, seed Rx-Trichoderma
Most success points	Early variety and accessibility of Market
Outcome	Mrs. Kajli Devi, earn a sum of Rs. 7.0 lakh/annum from her smart vegetable production and also motivated to other farmers
Farmer feedback	Improvement in livelihood is possible with vegetable production like watermelon, brinjal, Maize. etc

Crop	Variety	Seed Rate	Fertiliser	Yield (Q/ha)	Gross Cost (Rs.)	Gross Income (Rs.)	BCR	Annual Income (In Lakh)
Mustard	BBM-1	Carben dazime & Azatobacter	80: 60: 40: 20	9.8	10500	20000	1.9	0.9
Brinjal	Swarn Pratibha		100: 50:50 with FYM @2ton/ha	180	11000	32000	2.9	1.2
Maize	Hybrid		55	9000	16700	2.1	0.9	
Tomato	S. Sampada		176	12000	29000	2.41	1.4	
Water Melon	Hybrid-var. Jyoti		160	12000	27000	2.25	1.5	
G. Gram	HUM-16	Rhizobium	25:50:25	10	8000	17000	2.1	1.2

