

Hardeep Singh- Crop diversification

Personal Information

Name of the farmer/ entrepreneur	Hardeep Singh			
Date of Birth	28-10-1985			
Education	Graduation, B.A. (Arts)			
Farming Experience/ Experience in enterprise	8 years			
Cell no./ e-mail	8872200052			
Full address	S/o Dilbag Singh, V.P.O.armuwala, Block Ghall Khurd, Tehsil & Dist. Ferozepur (Punjab)-PIN-142052			
Professional membership (Farmer club/SHG/ATMA/etc.)	Organization	From (Year)	To (year)	Position held, if any
1	Co-Operative Society	2014	Till date	Member
2	FASS Ferozepur Naujawan Kisan Club	2014	Till Date	Member
3	PAU Kisan Club	2015	Till Date	Member
	PAU Kisan committee	2016	Till Date	Member
Awards received	Level (State/District/etc.)	Year	Name (details for which awards was given)	
1	State	2014	Sarbjeeet Singh Chuga Award. In Crop diversification. By Jain advisor mela, Jalandhar.	
2	State	2015	S Dalip Singh Dhaliwal Award. Sef cultivating farmer in crop diversification , By PAU Ludhiana	
3	District	2015	Bhagat Puran Singh Award, for progressive farming, by Pingalwara Sanstha, Amritsar	

Professional Information

Enterprise(s)	Crop diversification
Cropping pattern	Potato-Maize/Moong/Vegetables-Paddy
Problem statement (problems faced by the farmer before and while running the enterprise(s))	Viral diseases in Potato
KVK Intervention(s)	Technical help in integrated management of diseases and insect pests.

Major Innovation(s), if any	Self designed and fabrication of two fully / semi automatic machines for potato digging having double efficiency
Details of Practices followed by the farmer	<p>Potato: Seed of potato always purchase from CPR Headquarters in India Self seed production of potato for use on large scale Distribution of this seed to fellow farmers Export and marketing of potato to other states</p> <p>Maize: Use of improved high yielding cultivars Use of fodder harvester cum tractor (Made in Turkey) for silage making of maize fodder</p> <p>Summer Moong: Incorporation in soil for green manuring Vegetables: Pumpkin, Cucumber</p> <p>Dairy: Total No. OF Animals 117 (15 Jersey cows, 2 buffalo, 100 HF cows Self fodder production. Use of USA make semen for Artificial Insemination.</p>
Results/ Impact (economical/ social/ etc.)	Increase in land owned from 2 acre to 38 acres 40 other farmers have adopted crop diversification (Vegetables, Maize, Peas) on more than 1000 acres (25% of total land of village karmuwala)
Factors contributing to success	Regular advice from experts of KVK Ferozepur and PAU Ludhiana
Future plans	To conserve natural resources and improve soil health.

Economic Information (about different enterprises over last 5-7 years)

Enterprise	Gross Income (annual)	Net income	Cost-Benefit ratio	Economic Impact of technology/intervention (cost saving/ higher yield/etc.)
1. Potato	1.27 crore	48 lakh	1.60	30% yield higher because of use of improved seed
2. Maize	28.80 lakh	21.60 Lakh	4.0	15% yield higher because of use of improved seed

3.Moong	6 lakh	4.20 lakh	3.33	Earn Rs.4000-5000/- per acre higher net profit because of use of seed of PAU
4. Other Vegetables	Free distribution to fellow farmers			-
5. Dairy	53.20 lakh	22 lakh	1.70	Higher yield of crops and improvement in soil fertility because of use of FYM from Dairy.

