



Mr. Rohintonbhai K. Jokhi - Successful quality seed producer of Chickpea

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SUCCESS STORY

1	Name	Mr. Rohintonbhai K. Jokhi
2	Address	Village: Kapura, Block: Vyara
3	Education	Graduate
4	Mobile no.	9426890111
5	Age	42
6	Total land	15 acres
8	Area under Chickpea	7.0 acre (Rabi-2018)
9	Situation analysis/Problem statement	Seed is a vital component for harvesting good yields from any crop by way of ensuring optimum plant population, proper crop health and growth. In pulses, quality seed supply always remains a major constraint limiting production and productivity. Pulses are known as cheap source of protein for largely agrarian population worldwide, particularly in India. Realizing importance of protein from plant sources, the consumption is becoming more popular in different parts of the globe. Accordingly, demand for pulses has gone up internationally. To make India self-sufficient in pulses production through productivity enhancement, availability of quality seed needs special attention of the policy makers and researchers. There is need of about 25- 30 lakh quintals of



		<p>quality seed every year to achieve 30% seed replacement rate to enhance production and productivity of these crops.</p> <p>Mr. Rohintonbhai is a sincere, hard worker and progressive farmer. He cultivated different crops viz., mango, sugarcane, oil-palm. He joined with KVK for seed production programme.</p>
10	<i>Plan, Implement and Support</i>	<p>Government of India is fully aware of its responsibility to increase quality seed supply in major pulse growing regions of the country. Department of Agriculture, Cooperation and Farmers Welfare (DAC&FW), Ministry of Agriculture and Farmers Welfare, Government of India (GoI) has approved project namely "Creation of seed hubs for increasing indigenous production of pulses in India" under the aegis of Indian Council of Agricultural Research (ICAR) for increasing supply of quality seeds to boost pulses production and productivity. Krishi Vigyan Kendra, Vyara is one of the Seed Hub center under this project. KVK, Vyara has been started seed production of pulse crops viz., pigeonpea, chickpea and greengram in kharif, rabi and summer season, respectively.</p> <p>Mr. Rohintonbhai joined the training programme on quality seed production at KVK, Tapi. KVK, supplied 150 kg foundation seed of chickpea-variety-GKG-5. All the pre-requisites viz., registration procedure of seed producer; field inspection in collaboration with Seed Certification Agency, regular monitoring visit, conduction of different extension activities viz., field visit, diagnostic visit, field day etc were also followed by KVK.</p> <p><u>Technology adopted</u></p> <p>➤ Adoption of the right agronomic package of practices</p>

		<ul style="list-style-type: none"> ➤ Followed the need-based plant protection measures. He mainly used waste decomposer and botanical pesticides. ➤ Followed the field inspection and certification procedures without deviation in collaboration with KVK, and Gujarat Seed Certification Agency
12	Output	By adoption of scientific package of practices of chickpea, Rohintonbhai harvested good quality seeds of chickpea. He invested Rs. 79,400/- as total cost of cultivation and he produced 4436 kg chickpea seed.
13	Outcome	<p>KVK, Vyara had bought all the seeds as per the price (Rs. 5100/- per quintal) finalized by Gujarat State Seed Corporation, from Rohintonbhai under Seed Hub Project. By this way, he got net income of Rs. 2,26,236/-.</p> <p>The Government has declared the seed price @ 51.00/ kg for this year. Had they produced the commercial grain crops, and sold as grain only, they would have received Rs. 40.00/- per kg only. Thus, by going for seed production, Rohintonbhai earned almost 27.50 per cent more rate of the chickpea by selling these seeds. The total revenue for the Rohintonbhai was 2,26,236/- while as grain, their revenue would have been Rs.1,77,440/- only.</p>
14	Impact	Mr. Rohintonbhai was fully satisfied by this seed production programme. He also urged to nearby farmers to join with KVK for seed production programme.

Table1: Economics of seed production by Mr. Nileshbhai

Cost of Cultivation (Rs.)	Total Production (Kg)	Sold as seed (Kg)	Price (Rs. /Qt)	Gross income (Rs.)	Net income (Rs.)	B:C ratio
79400	4436	4436	5100	2,26,236	1,46,836	2.84

Prevailing market price of Pigeonpea (<i>Kharif</i> 2018)	Rs. 4000/- per Qt
Price fixed by Gujarat Seed Certification Agency	Rs. 5100/- per Qt

Table2: Details of Cost Of cultivation

Sl.No.	Particular	Cost (Rs.)
1	Land preparation	14000.00
2	Sowing (with the help of bullocks)	5000.00
3	Weedicide (cost with labour)	4000.00
4	Weeding (16 labour)	10000.00
5	Fertilizer	3000.00
6	Irrigation (Total 3)	3400.00
7	Pesticide cost including labour	8000.00
8	Harvesting	14000.00
9	Threshing	7000.00
10	Transportation	7000.00
11	Other miscellaneous exp.	4000.00
	Total	79400.00
	Seed supplied by KVK at free of cost	



Foundation seed distributed



Regular monitoring visit by KVK, scientist



Botanical pesticides Waste decomposer used prepared and used as plant protection measures



General view of the seed plot



Chickpea @ Threshing yard



Quality seed produced



Seed stored after processing

