

Mr. Marinder Singh: A Progressive Farmer from Punjab

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Mr. Marinder Singh, son of Gurcharan, is a 40-year-old dedicated and forward-thinking farmer living in Tole majra SAS Nagar, Punjab. As the head of a joint family with eight members, He has transformed his agricultural activities into a successful and diverse business. With a strong educational background and deep cultural ties, he has managed to merge traditional farming with modern agricultural techniques.

He is managing his 9 killa land, his family's annual income was limited to around 6 to 7 lakh rupees due to fragmented landholdings, lack of awareness about improved technologies, and limited access to government support schemes. For wheat (PBW 343 variety), with a seed rate of 800- 100 kg per killa. For rice cultivation (PR 127 variety). In maize (HOPM 1 variety), sowing is done by manually without using any advance machinery.

Earlier, Mr. Singh was not aware of the various government schemes available for farmers. However, with time he became actively engaged with programs such as the Kisan Credit Card, Soil Health Card, and PM-Kisan scheme. These initiatives not only provided him with access to affordable credit, and soil testing benefits but also supported his farm income.

Understanding the importance of technology, By using his smartphone and agricultural applications, he now gains timely updates on *weather forecasts*, connects with experts for guidance, and takes preventive steps against pests and diseases. Previously, pest and disease management was a challenge, often leading to losses, but with this knowledge, he now takes quick and informed decisions that protect his crops and secure higher yields now he practices advanced farming methods across multiple crops. In rice (PR 127 variety), he ensures proper transplanting, maintains spacing, and uses disease-resistant seeds. For maize (HOPM 1 variety), he adopts dibbling methods and takes preventive measures against stalk rot and fungal attacks. Alongside cereals, he cultivates potatoes and onions, carefully monitoring harvest timings to improve market quality and price realization.

For wheat (PBW 343 variety), he uses scientific drilling with a seed rate of 80 -100 kg per killa and maintains proper spacing of 22 cm. Diseases like yellow rust and brown rust are countered through timely fungicide application and crop rotation

He regularly participates in training programs hosted by self-help groups, NGOs, and cooperatives. He stays connected with agricultural experts, fellow farmers, and the latest market trends through social media, radio, TV campaigns, and kisan call centers, continuously improving his farming knowledge.



After the adaptation of technology driven farming practices Marinder singh successfully increased his income from 6 lakh to 12 lakh approx., as well as crop protection and diversification in farming practiced was achieved by him.

His dedication to innovation and sustainable farming has increased his yields and income and inspired many in his community. His transformation from traditional farming to a diversified, successful agricultural enterprise is a shining example of progress and perseverance in Punjab's farming community.

