

Transforming Agriculture: Mr. Gurpreet Singh's Inspiring Story of Increased Farm Profitability with Crops and Dairy

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Punjab, often called the “Granary of India”, has long been at the heart of the nation’s food security. While the state’s farmers have traditionally relied on wheat and rice cultivation, growing challenges such as water scarcity, rising input costs, and fluctuating market prices are pushing many to rethink their farming practices. Across villages, a new generation of farmers is embracing innovation, diversification, and sustainability to secure their livelihoods and inspire others.

Farmer Profile

Name	:	Mr. Gurpreet Singh
Village	:	Fatahgarh
Age	:	38
Mobile No.	:	9872577808
Enterprise Adopted	:	Crops and Dairy

Early Life and Beginnings

At just 35 years of age, Gurpreet Singh, a farmer from Fatehgarh village in Punjab, has emerged as a role model of modern agriculture. With 16 hectares of fertile land, he primarily cultivates wheat and rice, while also running a thriving dairy enterprise. His story is one of innovation, sustainability, and diversification, highlighting how Punjab’s farmers are adapting to changing agricultural scenarios.

Crop Production with Modern Practices

Punjab is known as the breadbasket of India, but Gurpreet goes beyond conventional methods. By adopting modern land leveling, he ensures uniform water distribution, saving nearly 20–25% of irrigation water. With mechanized sowing and harvesting, his productivity consistently surpasses regional averages.

- Wheat:** Gurpreet harvests around 5.5–6 tonnes per hectare, compared to the state average of ~4.8 tonnes.
- Rice:** During the Kharif season, he achieves yields of 6.5–7 tonnes per hectare, again above the state average of ~6 tonnes.

Such results are possible due to timely sowing, efficient water use through drip irrigation in selected plots, and the use of improved, high-yielding seed varieties.



Figure: Paddy Field

Dairy Farming: An Additional Pillar of Success

Diversification is one of Gurpreet's strongest strategies. His dairy farm houses 40 high-yielding cows and buffaloes, producing on average 350–400 liters of milk per day. A large portion is supplied to local milk cooperatives, while the rest is sold directly in the village, ensuring a steady cash flow. The dairy unit complements his farming operations: cattle dung is converted into organic manure and partially used in a biogas plant for household energy needs. This integration reduces costs and supports sustainable farming practices.



Dairy Farm

Remarkable Growth and Economic Success

By combining high-yield wheat and rice production with dairy farming, Gurpreet has secured a reliable and diversified income. His annual earnings are estimated at ₹18–20 lakhs, with nearly 40% of the revenue generated from dairy farming alone. This dual-source income protects him from market volatility and provides consistent financial security for his family. His success has made him a role model in Fatehgarh and neighboring villages, where many farmers are now inspired to adopt similar resource-efficient and income-diversifying practices.

Conclusion: Inspiring Agricultural Transformation

Gurpreet Singh's journey from a traditional cultivator in Fatehgarh to a progressive farmer is a powerful story of remarkable growth and economic success. With higher-than-average yields, 400 liters of daily milk production, and sustainable practices, he has achieved financial stability while inspiring his peers. Farmers like Gurpreet embody the future of Indian agriculture—innovative, resilient, and economically empowered.

Farmer's Message

Farming today is not the same as it was for our fathers and grandfathers. To succeed, we must combine their wisdom with modern technology. Tractors, harvesters, soil testing, and even mobile apps can make farming more efficient and profitable. My message to fellow farmers is simple: do not fear technology – make it your partner. When tradition and innovation walk together walk together, the fields give their best harvests.