

## Ranjit Singh's Journey of Livestock Along With Crop Cultivation

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Mr. Ranjit Singh is 36 years old from Therhi village belongs to the district SAS (Sahibzada Ajit Singh Nagar) of Punjab state. Avtar Singh has total 5 members in his family. He completed his education up to Graduation in arts and from past 20 years he actively participating in farming as well as livestock farming.

Initially when he started livestock farming he faced a lot of challenges like yield of milk, price per liter of milk, feeding a growing population. He has taken advices from the people who are involved in livestock farming from past. When he started rearing cattle, he did not have a shade for them. He started with 2 buffaloes and 2 cows. He used to sell only 15 litres of milk per day and because of the low milk production of the cattle. The veterinarian is not available on time whenever he used to face a problem related to cattle. Now he is a successful person with rearing of 15 livestock with a good amount of his monthly income. The veterinarian is also available for his home visits for vaccination of cattle.

He has 5 buffaloes of murreh variety and 5 cows of HF variety and 5 calves. Production of milk from buffaloes in 30 litres per day and from cows his 100 litres per day. He sells his milk to the Government dairy. The cost of buffalo milk per litre is Rs.40 and cows milk per litre is Rs.35. Total income from livestock per month is Rs.93,000.

Vaccination of buffaloes and cows are done in Gharuan. In emergency cases he calls the veterinarian to home to check the cattle.



When he started growing wheat he faced a lot of challenges like no proper formation of grain, yield of the crop, pest attack and weeds in the field. He overcomes these challenges by contacting the scientists of PAU and by using fertilizers.

To feed the cattle he needs the fodder. Ranjit Singh started growing berseem crop in 1.5 acre of land to feed the cattle. He has much more knowledge of cultivation of crops like wheat, sugarcane, rice. He also cultivates potato for his daily requirement of household purpose. Like he mainly succeeded in cultivating wheat and rice. In almost 16 acres he cultivates wheat and he gets 15-20 quintals per acre. He sells his crop in mandi located in morinda with a Rs.2000 per one quintal. He cultivates his field using fertilizers. For irrigation he has a tube well. He earns Rs.6lakhs form harvest of the wheat crop. He also uses cow dung to enrich the fertility of the soil.



He analyzed the strategy related to grow the wheat crop by taking advices from the Punjab Agricultural University. He purchases seeds from the PAU and Kisan mela of Ludhiana. He has every equipment's related to do the agricultural practices.



Mr. Ranjit Singh's story serves as an inspiration to other farmers who may be facing similar challenges. His willingness to seek advice, experiment with new methods, and invest in the welfare of his livestock and the health of his soil are all key factors in his success. By continuing to innovate and adapt to changing circumstances, Mr. Singh is likely to remain a successful farmer for many years to come. He has also been strategic in his crop cultivation, carefully selecting the crops that are most profitable and using fertilizers and cow dung to enrich the soil and increase crop yield.

