

## Inspirational Story of a Small Progressive Farm

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### Introduction

Satinder Singh aged 50 years is a small progressive dairy farmer lived in village of Punjab near to Kharar. After completion of his degree in Bsc he involved in dairy farming with an interest. He comes from a nuclear family with 5 family members in it. His only internal aim is to do something for his family. He did much training in dairy farming under KVKs; Saraiya and NDRI Karnal. He has subsequently started dairy farming with one indigenous breed of cow (Sahiwal) and one exotic



breed of cow (H. F). After a year he gradually interested to increase the number of livestock in his farm and now having 65 animals including 35 cows and 30 buffalos. In his dairy farm most of the cows are inbred as he did training of artificial insemination in NDRI Karnal. Cows are exotic breeds are crossbreed (Jersey, H.F) in the farm. In his farm proper sanitation is done within 1-2 days of intervals, proper feed is given to the cows and buffalos, proper checkup is conducted in every 1-2 weeks in the farm by veriternay. For hygiene purpose milking machines are used instead of hand milking.

### Before and after adoption of technology

Before adopting the new technology, he faces many problems as his profit made by milk is gone to the labor for hand milking, sometimes cow and buffalos are unable to give milk as they got scared by the other labors so yield loss is there. The shifting of farmer from hand milking to machine milking is done as there are 66 animals in a farm, machine milking saves their time and cost of labor by increasing milk yield and there are 3-4 milking machines of Vinspire with 15 litre hand operated whose cost is about 7000rs. Differences are seen in the amount of yield which subsequently increases only after adopting technology of machine

milking. Before adopting the technology, the yield of milk is only 100-150 L per day, but after adopting technology of machine milking the milk yield is about 300L per day which are sold as fresh milk and given to the private agencies and other cooperative houses for making milk products (Curd, cottage chesse, paneer, fresh cream) which is being sold in the market.

### **Problems faced by farmer**

As he faces many problems by using machine milking as the milking machine is automated and hand handled but the farmer needs to fill some amount of milk, he is talking from livestock in the automated machines so that the machine pump sucks the filled amount of milk from cow/buffalo, sometimes the high doses filled by farmer cause injection of blood in milk by the pump of machine which is painful for livestock. Proper care should be taken before and after machine milking as he tackled the problem by filling the sufficient amount of milk needed so that it doesn't affect the production unit of livestock.

### **Fodder management for livestock**

Near the dairy farm he has 8 hectares land in his he grows fodder crops for animals. He mainly grows Berseem as a fodder which he used as a supplement feed for their livestock. He is giving Tiwana feed as it is easily digestible and rich in Vitamins and minerals. Oil cakes, grass and crop residues are giving as a feed for livestock in intervals according to their diet. He made profits giving milk to consumers and private agencies, does cross breeding of livestock in farms, selling of cow dung and cow urine to various bio-gas plants.

### **Inspirational lesson to other farmers**

He becomes example of successful small dairy farmer. As he is earning upto 7 lakh rupee per year through dairy farming. From his savings he also started a Gau Seva for animal welfare in which the needy and unable cows, bull or buffalos are taken care by him by providing the treatment, feed and serve for the helpful animals. He inspires other farmers for improving their condition by vesting their knowledge and improving their skills. They can apply these skills in their daily life to earn something big in life. The modern technologies what we use today plays a significant role in life of a successive farmer. The up gradation of their skill in their day-to-day life will improve their financial condition if they use it wisely.