



# Success Stories in Natural Farming



Training Programme  
on  
“Creating Awareness about Natural Farming”

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# Intensive Agriculture

- Green revolution in India leads to intensive farming, which is Characterised by:

## High Input

- Increased mechanization
- Extensive use of chemical fertilizer, pesticides, herbicides etc.
- Extensive use of ground and surface water.
- Punjab, Haryana and Western and central Uttar Pardesh had remain hot bed of GR with introduction of intensive agriculture.



# Importance of Organic Farming

- Indiscriminate Use of Chemical Fertilizers, Insecticides, Burning of Crop Residues & Random Disposal of Waste



- Soil Health & Environment



- Micronutrient Depletion, Loss of Micro flora & fauna and Soil Carbon



Poor Crop Production



- Poor Animal Health & Their Production



- Poor Human Health

## **Adverse effect of Intensive agriculture**

- Poor soil fertility/ Health
- Depletion of Water resources
- Environmental pollution
- Contamination of food and water
- Poor human and Livestock health.

# Success Stories of Organic Farmers of Punjab

# Success Story

- **Name:** S. Avtar Singh
- **Age:** 61
- **Education:** B.A., Diploma in Marketing Management
- **Mailing address:** Village Teera, Distt S.A.S Nagar, Mohali
- **Mobile number:** 9855009728
- Organic turmeric: cultivation, processing and marketing
- **Background:** Land:3.5 acres of land.
- Growing high value crop like turmeric and earn extra penny by its processing and value addition.



## S. Avtar Singh..... Tera, SAS Nagar

- **New Intervention:** Mr. Avtar Singh started organic cultivation of introduced Turmeric variety “**Rajender Sonia**” having high curcumin content of **7.5-8.4 %** as compared to local varieties having 2.5-5.0% curcumin. He use **vermicompost, green manure, FYM, leguminous crops, neem oil, cow urine, pheromone traps for production and protection of crop.** Besides this he uses drip & sprinkler irrigation and mulching with paddy straw. He does processing and value addition of turmeric in his own small scale processing plant.
- **Economic parameters :** His innovative practice of growing high curcumin containing variety along with organic production and direct marketing in nearby tricity lead him to fetch around double price of his processed turmeric powder and pickle as compared to market price.
- Income of **Rs. 3 lacs** after values addition and processing of his produce.
- **Way forward:** He is doing direct marketing (More than 350 consumers families enrolled) of his produce and wants to use social media and other ICT tools more effectively to connect more customers to his network.
- He is planning to expand his venture by adopting integrated farming in which his major focus is on poultry and beekeeping

# Success Story



- **Name: Didar Singh, Age : 42 years**
- **Qualification : Matric**
- **Address : Village-Shtabgarh, Block-Derabassi**
- **S.A.S. Nagar (Mohali), Mobile No: 9814796046**
- **Email: didarkamboj15@gmail.com**
- Mr. Didar Singh started organic farming and developed many innovative techniques for pest control and growth booster.
- He stores Gaumutra of his two Sahiwal cows in big drums. He uses this Gaumutra for seed treatment and as insecticide spray to control aphid, jassid and caterpillar attack on different crops in his fields.
- He uses one-year old cow dung cakes and mix these with water. He sieves water from the mixture and spray this water as “Homemade Urea” which helps in the fast growth of crop plants.
- He prepares an extract from the equal amount of neem, milkweed and dhatura leaves in water after keeping the mixture for whole night in Hara (an earthen chamber for slow cooking on hot coals/dung cakes). He sprays this extract and Gaumutra alternatively for the effective control of harmful cauliflower caterpillar. According to him, seed treatment with Gaumutra for whole night before sowing helps to control 80% attack of maize borer and sorghum shoot fly in maize and sorghum, respectively. In addition, he mixes one litre sour lassi in 16 litre water and sprays this mixture as fungicide on pulses against blight disease.



## Didar Singh..... Shtabgarh

- **Significance:** Mr. Didar Singh is a torchbearer among farmers to adopt ecofriendly techniques for crop management. This is a big step to popularize and increase the area under organic farming. His innovative ideas will help to establish an ecological balance with natural resource management, enhance soil fertility and prevent pest problems economically. Moreover, market of organic produce is getting popularity day by day.
- **Way-forward:** He heartily desires to popularize the use of his innovative techniques of organic farming for crop management to save our environment from soil, air and water pollution. As organic farming is rapidly growing in India, he is spreading a healthy set-up for positive economic outcome. He is a wonderful example to change mindset of farmers. His thoughts are pioneering and will have tremendous scope to establish a disease free and well-fed society by providing healthy food.



# Balwinder Singh Sandhu

- Address: Sukhna Ablu, Shri Muktsar Sahib, Punjab.
- **Phone:** 9814422971
- Land: 40 acres ( 20 own + 20 on lease)
- Vegetable: 8-9 Acres, Strawberry: 1 acre
- He started natural farming in 2011. Earlier, he used to grow Cotton, Mustard, Guar and Paddy crop. But adopting NF, he shifted on vegetables. chilli ,seedless cucumber, strawberry and melon
- From last four years he is practicing pure natural farming in 2 acres and have reduced the use of insecticides and pesticides to minimal on rest of the land. Chilli is the main crop which gave me good returns around Rs. 5.0 lakhs from 2 acres.
- Roadside-on-farm-market was adopted to sell directly to consumers.
- Now he also started chilli powder processing along with vegetable cultivation. Currently he is cultivating **strawberry, cucumber, chili, tomato, pumpkin, capsicum, wheat, paddy, cotton and other seasonal vegetables.** He is planning to expand natural farming practices in rest of the acres.



## Balwinder Singh Sandhu.....

- Modern farming: He is adopting Drip Irrigation, Mulching, Vermicomposting and Buttermilk Spray as Insecticides and Pesticides.
- Also maintain 2 HF, 2 Buffaloes (For Home Purpose).



# Vinod Jayani: Jayani Natural Farming

- Background: MA in History, from a farmers' family
- Size of the farm: 130 acres
- Average number of farm workers: Unknown (it depends)
- Location: Village Kathera, Fazilka, Punjab, 9530724626
- He started Natural farming since 2005. He gave up chemical farming of the totality of my 130 acres of land. That was after attending a meeting organized by KVM and after reading the books of Subash Palekar on Zero-budget Natural Farming.
- Techniques implemented on the farm are mix-cropping, green-manuring, preparation of jivamrita and bijamrita, now a little bit of mulching, tree planting, use of culture one and culture two to feed the soil in effective micro-organisms provided for free by the government of Punjab, some composting in the future, crop rotation, trenching, sprinkler and drip-irrigation etc.



## Vinod Jayani....

- Products: Vegetable, Fruits, Sugar cane
- Value added products: Pickle, Juices, Squase, Gur, Mustard oil, Medicated oil, sweets tec.



**THANKS**