

# **Skill enhancement and income of farmers and rural youth through Cotton Hybrid Seed Production Technology**

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## **Introduction**

- Most of the hybrid seed is produced in the state of Gujrat where farmers/workers have developed skill in its production.
- The present project skilled the local stakeholders in hybrid seed production so that they get gainful employment on one hand and the desi cotton hybrid seed is produced at local levels boosting cultivation of Cotton Leaf Curl Disease (CLCuD) free cottons on the other. Parental seed of desi cotton hybrid (AAH1) is produced at CRS Sirsa.
- The empowerment of stakeholders i.e. farmers /farm workers/rural youth shall secure them increased income through sale of hybrid seed produced.

## **Objectives**

1. Planning and conduction of skill based training on the identified areas.
2. Production and Distribution of parental seed at CRS, Sirsa
3. Visiting the farmers taking hybrid seed production and conducting farmer field schools for having spread effect to clustering villages.
4. Employment generation for rural masses/ workers through crossing/pollination.
5. Making available locally produced quality seed to the end consumers.
6. Reducing price of the desi cotton hybrid seed by eliminating middleman.
7. Giving boost to increase area under CLCuD immune cottons and thereby reducing dependency on pesticides and mitigating pollution.

## **Budget Details**

<b>Budget head</b>	<b>2017-18 (in lakhs)</b>	<b>2018-19 (in lakhs)</b>	<b>Total (in lakhs)</b>
<b>Non –recurring</b>			
<b>Construction of ginning hall at CRS, Sirsa</b>	<b>10.0</b>	<b>--</b>	
<b>Ginning Machine Big and small Misc. Display Board, Laptop and others)</b>	<b>3.0</b>		<b>13.0</b>
<b>Recurring (Semiskilled and skilled labour, raw materials etc.)</b>	<b>3.5</b>	<b>4.0</b>	<b>7.5</b>
<b>Training contingencies(Incentive kit for trainees, Tea and Refreshment, Literature)</b>	<b>2.5</b>	<b>3.0</b>	<b>5.5</b>
<b>Farmer field days ( Tentage, Display, Literature)</b>	<b>1.0</b>	<b>1.2</b>	<b>2.2</b>
<b>Travelling allowances</b>	<b>2.0</b>	<b>2.0</b>	<b>4.0</b>
<b>POL</b>	<b>0.5</b>	<b>0.5</b>	<b>1.0</b>
<b>Salary for SRF (1)</b>	<b>3.6</b>	<b>4.0</b>	<b>7.6</b>

**Note: Budget for the year 2017-18 has been fully utilized**

## **Achievements in the year 2017-18**

- All the groups were trained through training and demonstrations for the hybrid seed production technology and other related aspects of cotton breeding.
- Three on campus (CRS, Sirsa) trainings were also conducted at CRS Sirsa. Each training has 30 farmers from different villages of Sirsa District.
- Three off campus trainings (at farmers fields) consisting 50 farmers in each was conducted at Bajekan, Shahpur Begu and Kharian villages of Sirsa district.
- Exposure visit of Forty three (43) farmers has been organized at well established hybrid seed production centers in Gujrat for creating awareness and building confidence among farmers/stakeholders.

## **Salient Achievements**

- Some of the farmers have started hybrid seed production of cotton after taking training at CRS, Sirsa and they have generated Rs. 3 lakh income/acre.
- Manju Rani W/o Sh. Vikram Singh Village Shahpur Begu
- Dharampal S/o Sh. Nanak Ram Village Shahpur Begu
- Balwant Singh S/o Sh. Dharam Singh, Village Kharian

**Pictures of the equipment purchased**



**Glimpses of the on Campus Trainings**

**CRS Sirsa on 16-18.11.2017**



**Glimpses of the on Campus Trainings  
CRS Sirsa on 20-22.11.2017**



**Glimpses of the on Campus Trainings  
CRS Sirsa on 23-25.11.2017**



**Glimpses of the off Campus Trainings  
Village Bajekan on 29.11.2017**



**Glimpses of the off Campus Trainings  
Village Shahpur Begu on 12.12.2017**



**Glimpses of the off Campus Trainings  
Village Kharian on 13.12.2017**



**Glimpses of the off Exposure visit at Gujarat**



