

Productivity Promotion in Cotton PPP-IAD Project by

COTAAP Research Foundation, Mumbai

About COTAAP Research Foundation :

- Established in 1987 by Cotton Association of India. Conducted different extension activities with total 11,650 FLD's in IPM, problematic soil, Integrated production technology, Integrated soil and nutrition management.
- Leading in HDPS demonstrations at Jalgaon District. (Yr. 2013-14 = 325 acres, Yr. 2014-15 = 1000 acres)
- Co-ordination between Farmers, Scientist, Department of Agriculture, Arvind Mills, Mahyco Seeds.

Partners
in Service



Technology & Financial Support



Extension Service Provider

mahyco[®]
EVERY SEED COUNTS

Technology Partner



Buyer Agency

Objectives of the project :

- To promote high density planting system for increase in yield as well as to facilitate mechanical harvesting in future.
- To increase yield level from avg. 20 qt/ ha (irrigated) to 25 qt/ ha (25 % increase) and 10 qt/ha (rainfed) to 13 qt/ ha. (30 % increase)
- To develop a sustainable link between the cotton producer farmers and end user. (Arvind Mills Ltd.)
- Promotion for anti-contamination and use of cotton bags will produce quality cotton.

Success Story...



- ▶ Name of the Farmer : Ravindra Wamanrao Nikam
- ▶ Village : Machala, Tal. Chopda Dist. Jalgaon
- ▶ Variety Sown : Dr. Brent
- ▶ Plant Population p/acre : >13000
- ▶ Growth Regulator used : Mapiquet Chloride 5% AS
- ▶ Bolls per plant : 30 to 35 (at present)
- ▶ Expected yeild : > 19 Qt./acre (46 Qt./Ht.)



Hon. Arunbhai Gujarathi (Former Speaker, Vidhan Sabha)
Dr. Parab Sing (Monsanto) Guiding in Pre sowing farmers rally



Field visit by Shri. D.D. Wakure,
Project Coordinator, PPP Cotton Crop

Productivity Promotion in Cotton PPP-IAD Project by COTAAP Research Foundation, Mumbai

About COTAAP Research Foundation :

- Established in 1987 by Cotton Association of India. Conducted different extension activities with total 11,650 FLD's in IPM, problematic soil, Integrated production technology, Integrated soil and nutrition management.
- Leading in HDPS demonstrations at Jalgaon District. (Yr. 2013-14 = 325 acres, Yr. 2014-15 = 1000 acres) Co-ordination between Farmers, Scientist, Department of Agriculture, Arvind Mills, Mahyco Seeds.



Technology & Financial Support



Extension Service Provider



Technology Partner



Buyer Agency

A) Benefits to farmers :

- Beneficiary farmers got complete package for cotton production to marketing.
- High density plantation system was demonstrated in their own fields.
- Seed of high yielding variety was available for demonstration.
- Use of bio-fertilizers and balanced use of nutrients as a component for sustainable increase in yield.
- Market link is successfully developed with Arvind Ltd.

B) Role played by the company :

- COTAAP organized village meetings, farmers rally, field demonstrations, scientist visits, publication of information, etc.
- Mahyco Seeds Ltd. provided high yielding hybrid with technology backup.
- Arvind Ltd. : promoted the concept of contamination free cotton with bags for harvesting. Buyback of clean cotton with incentive.

C) Role played by the Government :

- A common platform is available for the stakeholders in cotton i.e. producer, buyers and extension agency.
- Technical manpower from Department of Agriculture for demonstrations & FFS.
- Financial support to provide critical inputs to farmers.

Objectives and achievements of the project :

Objectives

- To promote high density planting system
- To increase yield level
- To develop a sustainable link between the cotton producer farmers and end user.
- Promotion for anti-contamination

Achievements

- HDPS implemented on 500 ac. in project and was replicated by more than 8000 farmers.
- Increase yield level from avg. 20 qt/ ha (irrigated) to 25 qt/ ha (25 % increase)
- Arvind Ltd. purchased cotton and gave incentive to farmers for clean cotton harvest @ Rs. 75/qt.
- Arvind Ltd. allotted clean cotton harvest bags to farmers.

Success Story...



- | | | |
|---------------------------|---|-------------------------------------|
| ▶ Name of the Farmer | : | Bhanudas Narayan Patil |
| ▶ Village | : | Chahardi, Tal. Chopda Dist. Jalgaon |
| ▶ Variety Sown | : | Dr. Brent |
| ▶ Plant Population p/acre | : | >13000 |
| ▶ Growth Regulator used | : | Mapiquet Chloride 5% AS |
| ▶ Yield | : | > 16 Qt./acre (40 Qt./Ht.) |



Post Harvest farmers rally



FFS by COTAAP



Field visit & Verification of inputs by Shri. D.D.Wakure, Project Coordinator, PPP Cotton Crop



Cotton Bags Allotment by Arvind