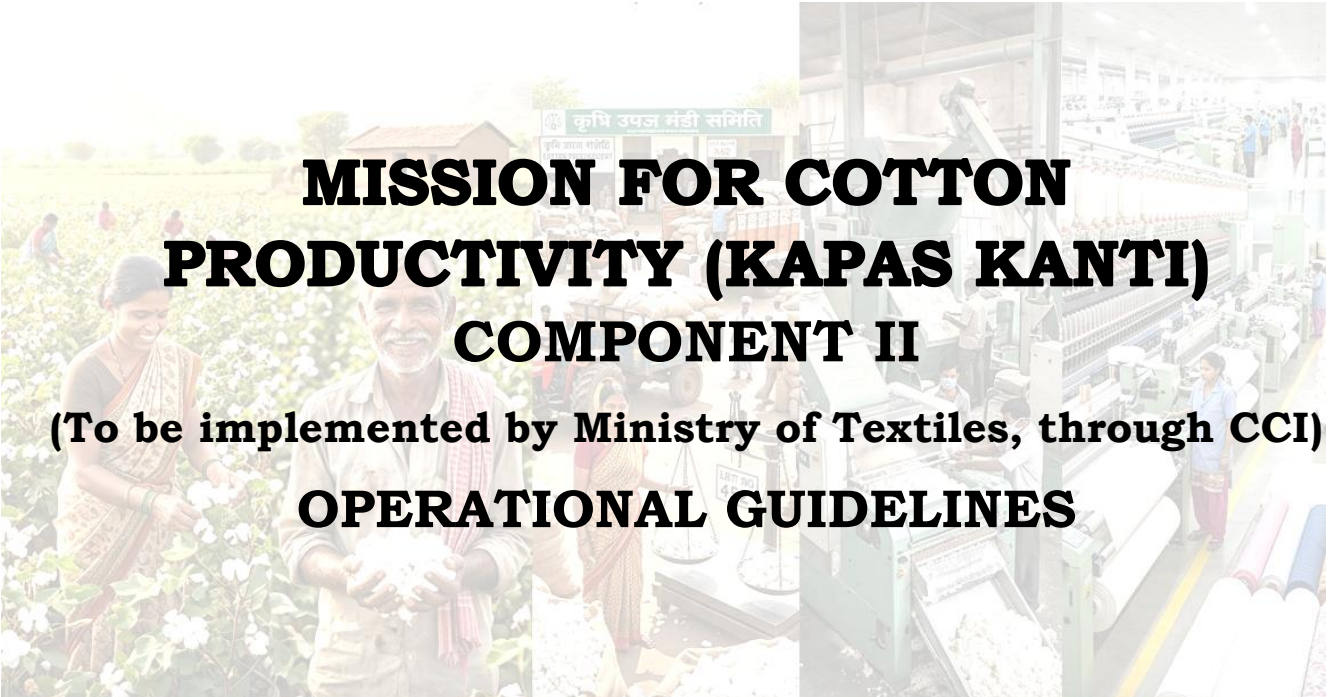




MISSION FOR COTTON PRODUCTIVITY (KAPAS KANTI) COMPONENT II

**(To be implemented by Ministry of Textiles, through CCI)
OPERATIONAL GUIDELINES**

SUB-COMPONENT

Contamination Controlled Cotton (Distribution of Kits under Centrally Sponsored Scheme)



**Ministry of Textiles
Government of India**

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1. Introduction

Cotton is one of the most important commercial crops of India and plays a vital role in the textile value chain. Contamination in cotton adversely affects fibre quality, reduces market value, impacts spinning efficiency, and affects the branding and competitiveness of Indian cotton in domestic and international markets.

The Government of India launched MCP with an outlay of ₹5,659.22 crore, aligned with the 5F vision (Farm to Fibre to Factory to Fashion to Foreign), comprising three components with distinct objectives. Of the total outlay, ₹1,000 crore has been allocated to **Component II**, which is being implemented by the Ministry of Textiles through the Cotton Corporation of India Ltd. (CCI).

Component II: Quality Improvement and Branding

- Component-II is focusing on promotion of production of high quality, trash controlled bales through Output-Based Support; Augmentation of Kasturi Cotton Bharat and Contamination controlled Cotton, branding of Kasturi Cotton Bharat in domestic and international markets, facilitating market linkages through a transparent e-auction portal, strengthening testing and certification systems, scientific assessment of demand and supply of cotton and promoting the start-ups and innovation in cotton textile value-chain, capacity building of Ginning and Pressing factory workers and Promotion of Cotton Waste Recycling.
- Out of all the Sub-Components, one of the Sub-Component “Contamination Controlled Cotton” is a Centrally Sponsored Scheme with financial assistance shared between the Central Government and State Governments in the ratio of 60:40, respectively.

2. Rationale for Contamination Controlled Cotton:

The sub-component aims to reduce contamination in seed cotton arising during harvesting, on-farm storage, handling, transportation, marketing and other related operations through the distribution of kits and awareness generation among cotton farmers.

The sub-component focuses on promoting contamination-free picking, handling, storage, and transportation practices among cotton farmers through distribution of contamination control kits and capacity building activities.

3. Objectives

The objectives of the Contamination Controlled Cotton sub-component are:

- To reduce contamination in seed cotton caused during harvesting, storage, handling, transportation and its marketing.
- To promote contamination-free cotton picking and storage practices among cotton farmers.
- To improve the quality and marketability of Indian cotton.
- To create awareness among cotton farmers on proper contamination control practices, thereby improving cotton quality and enhancing farmer’s income.
- To strengthen the supply chain for contamination-free cotton under the Mission.

4. Strategy

- The sub-component would focus on distribution of kits to eligible cotton farmers with a view to improve cotton quality and enhance farmer's income.
- Convergence shall be ensured with Component-I (B) of the Mission, as well as farmers from Kasturi Cotton Villages/Clusters.
- State Governments shall ensure equitable and need-based distribution of kits.
- Farmers shall be trained on proper usage of kits and contamination-free practices.
- States shall undertake awareness and capacity-building activities for contamination reduction.

5. Implementation Mechanism

5.1 Coordinating Ministry

Coordinating Ministry, **Ministry of Textiles**.

5.2 Scheme Type

A farmer would be provided with a maximum support of Rs.3000 (Central Share) per farmer; thereby benefitting at least 2 lakh cotton farmers.

States to include the sub-component "Contamination Controlled Cotton" under Component I(B) while preparing and submitting their **Annual Action Plans**, along with the requisite financial provisions for its effective implementation.

5.3 Duration & Budget Outlay

5.3.1 Duration

The sub-component shall be implemented over a period of five years from FY 2026–27 to FY 2030–31.

5.3.2 Budget Outlay

S.No.	Sub-Component	2026-27 (Cr)	2027- 28(Cr)	2028- 29(Cr)	2029- 30(Cr)	2030- 31(Cr)	Total (Cr)
1	Kits	25.00	25.00	25.00	25.00	0.00	100.00

- A farmer would be provided with a maximum of five kits; thereby benefitting at least 2 lakh cotton farmers during the period from 2026-27 to 2029-30.

5.3.3 Number of Farmers to be benefitted:

- Estimated number of farmers to be benefitted during the Mission period: 2.00 lakh.
- Estimated number of farmers to be benefitted annually: 50,000.
- Distribution of kits to 50,000 farmers shall be made broadly in proportion to the farmer coverage approved under Component-I (B) being implemented by Ministry of Agriculture & Farmers Welfare.

5.4 Criteria for Selection of Beneficiaries

- About 2 lakh cotton farmers would be supported under this sub-component.
- Beneficiary farmers shall be selected by the respective State Governments from among the farmers covered under Component IB of the Mission, being implemented by the Ministry of Agriculture & Farmers Welfare, in the following order of priority:

A.	*In accordance with the Government of India guidelines on the Special Component Plan (SCP) and Tribal Sub-Plan (TSP), funds shall be earmarked for SC and ST beneficiaries. States/UTs may, however, allocate funds to SC/ST farmers in proportion to their population. Beneficiary-wise data shall be maintained by the States/UTs for reporting purposes. Maintain separate beneficiary records for SC and ST categories.	Category	Allocation (%)
		Scheduled Castes (SC)	16%
		Scheduled Tribes (ST)	8%
		Others	76%
		Total	100%
B.	Small and marginal farmers, including women farmers, having landholding upto 2 hectares.		
C.	Farmers from Kasturi Villages, to the extent feasible.		
D.	Forest Rights Act (FRA) Patta Holders, subject to fulfillment of other eligibility conditions under the Mission.		

* Category-wise allocation follows the provisions prescribed under the Operational Guidelines of Component IB of Kapas Kanti.

5.5 Kit Composition Recommendations

- The recommended composition and dimensions of the Kit mentioned at **Annexure-I**.
- The kits may also include protective gears developed for cotton farmers under the **National Technical Textile Mission (NTTM)**, as may be decided in due course.

5.6 Procurement Mechanism

- Procurement of kits shall be undertaken by the respective State Governments in a transparent manner.
- States shall ensure timely placement of procurement orders aligned with the cotton harvesting season.

5.7 Distribution Mechanism

- The kits will be distributed directly to the cotton farmers.
- Distribution of kits shall be carried out through State Agriculture Departments or any other authorized agencies appointed by the respective State.
- Proper records of beneficiaries, landholding, and kits distributed shall be maintained.

6. Roles & Responsibilities

6.1 Cotton Corporation of India (CCI)

- Release of Central Share (60%) as per the decisions of PMIC approved by Apex Committee.
- Monitoring progress through PMIC.

- Consolidation of utilization reports and submission to PMIC.

6.2 State Governments

- Release of State Share (40%) in a timely manner.
- Procurement and distribution of kits as per approved specifications.
- Maintenance of beneficiary database.
- Submission of progress reports.
- Conduct awareness campaigns at district/block level.
- Digital maintenance of beneficiary records, distribution tracking and avoidance of duplication of benefits under convergent schemes.

7. Monitoring, Reporting and Evaluation

The implementation of the sub-component “Contamination Controlled Cotton” shall be monitored through the existing monitoring, reporting and evaluation framework prescribed under Component I(B) of the Mission, being implemented by Ministry of Agriculture & Farmers Welfare.

At the District, State/UT and National levels, monitoring and reporting shall be undertaken through the respective committees constituted under the Mission. Physical and financial progress shall be reviewed periodically by the concerned authorities.

In addition, the Project Monitoring & Implementation Committee (PMIC) and Apex Committee constituted by the Ministry of Textiles shall periodically review the implementation of the sub-component and provide necessary guidance.

7.1 Field Monitoring

States shall undertake regular field monitoring through designated officials and submit reports to PMIC.

7.2 Feedback Mechanism

Feedback from farmers shall be collected to improve kit design and effectiveness.

8. Approval and Implementation

- The State-wise annual outlay and targets are given at **Annexure-II**.
- The States shall incorporate the activities and financial requirements relating to distribution of Kits under this sub-component in their Annual Action Plans (AAPs) prepared under Component-I(B) of the Mission for Cotton Productivity.
- Based on the approved AAP and annual allocation, release of Central Share shall be made by CCI/MoT in accordance with the extant Government Rules, Guidelines and Financial Norms etc.

9. Convergence with other Schemes

Convergence with the following schemes/programmes may be undertaken wherever feasible:

- Component–IB of Mission for Cotton Productivity.
- Kasturi Cotton Bharat initiatives.
- National Technical Textile Mission (NTTM).
- Other Central/State Government schemes related to cotton quality improvement and farmer welfare.

10. Interventions under Contamination Controlled Cotton

The key interventions under the sub-component include:

10.1 Distribution of Kits

Distribution of kits to eligible cotton farmers for reducing contamination during harvesting, storage, and handling of cotton.

10.2 Awareness and Capacity Building

Awareness and capacity-building programs shall be organized to educate farmers regarding:

- Contamination-free cotton picking practices.
- Proper storage and handling methods.
- Usage of kits.
- Reduction of plastic contamination in cotton.

Farm-Level Kit**Technical Specification:****Objective:**

To minimize contamination of seed cotton during manual picking, collection, transportation, and temporary storage at farm level by providing standardized contamination-control materials made from contamination-free cotton fabric and approved picking gloves.

A) Kit Composition recommendations:

The Kit may contain cotton picking apron/bag, cotton collection bag, cotton storage cloth (tarpaulin type), cotton head cover, polyester seamless latex coated gloves or as may be decided by respective state based on local requirements.

B) Cotton Fabric Specification for Picking Bag, Collection Bag, Storage Cloth and Head Cover:

Parameter	Specification
Fiber Content	100% Cotton
Fabric Weight	150 GSM - 175GSM
Yarn Count (Warp)	20s - 30s Ne
Yarn Count (Weft)	20s -30s Ne
Weave Type	1×1 Plain Weave
Ends Per Inch (EPI)	60 - 72
Picks Per Inch (PPI)	60 - 72
Fabric Width (Pana)	53 inches minimum
Fabric Color	Natural White/Off White
Fabric Finish	Desized, Scoured, Non-linting
Cover Factor	20.4
Contamination Requirement	Free from synthetic fibers, colored fibers, jute particles, plastic fragments, oil stains and loose yarns
Fabric Strength	Suitable for repeated agricultural use and washing

Quality Requirements:

- Fabric shall not shed fibers during use.
- No loose threads or frayed edges.
- Stitching thread shall be 100% cotton.
- No synthetic labels or decorative materials permitted.
- Fabric shall be washable and reusable for at least one cotton season.

C) Cotton Picking Apron / Picking Bag:

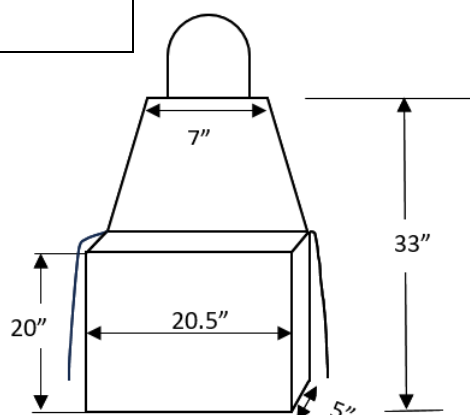
Purpose: To collect seed cotton directly during hand picking while avoiding contact with contaminated clothing.

Dimensions: Based on 53-inch fabric width.

Parameter	Dimension
Fabric Requirement	1.5 m
Finished Width	Approx. 20 in + 20.5 in body panels
Pocket Depth	33 in
Neck Loop Width	7 in
Capacity	3–4 kg seed cotton
Weight	Approximately 350–450 g

Design Features:

- Apron style front-mounted picking bag.
- Adjustable neck and waist straps.
- Reinforced seams at stress points.
- Smooth internal surface.
- Rounded corners for easy emptying.
- Double-stitched seams.

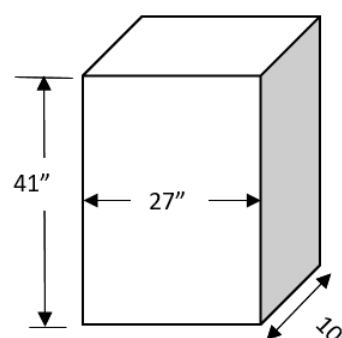


D) Cotton Collection Bag:

Purpose: Transfer of cotton from picker to field collection point.

Dimensions: Using 53-inch fabric width.

Parameter	Dimension
Fabric Requirement	2.0 m
Finished Size	41 in × 27 in
Capacity	35–40 kg seed cotton
Carrying Method	Shoulder or hand carried



Design Features:

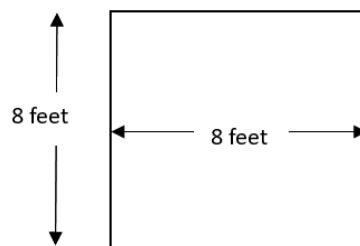
- Cylindrical or rectangular bag.
- Reinforced carrying handles.
- Double-fold hem.
- Lock stitch construction.
- No metal components.

E) Cotton Storage Cloth:

Purpose: Temporary storage of picked cotton in the field without direct contact with soil.

Dimensions:

Parameter	Dimension
Size	8 ft × 8 ft
Area	64 sq. ft
Fabric Weight	150 GSM
Weight of Cloth	Approx. 0.9 kg
Capacity	Approx. 80 kg



Design Features:

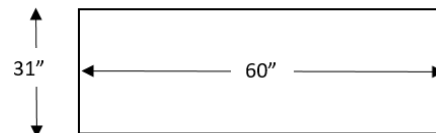
- Four folded and stitched edges.
- Corner reinforcement patches.
- Washable and reusable.
- Free from tears, holes, and lint.

F) Cotton Head Cover:

Purpose: Prevent contamination from hair, dandruff, and external fibers.

Dimensions:

Parameter	Dimension
Fabric Requirement	1.5 m
Finished Size	Universal fit (31 in × 60 in)
Coverage	Full head and hair coverage



Design Features:

- Cap or scarf style.
- Elastic-free cotton tie closure preferred.
- Lightweight and breathable.
- Washable and reusable.

G) Polyester Seamless Latex-Coated Gloves:

Purpose: To prevent contamination from skin contact, sweat, nails, jewelry, and foreign particles during cotton picking.

Specification:

Parameter	Specification
Glove Type	Seamless Knitted Safety Glove
Base Material	100% Polyester Continuous Filament Yarn
Coating Material	Natural Latex Crinkle Finish

Knitting Gauge	13 Gauge or finer
Construction	Seamless Circular Knit
Palm Coating	Full Palm Latex Coated
Back Side	Breathable Open Knit
Cuff Type	Elastic Knit Wrist
Color	White or Light Color Preferred
Fiber Shedding	Zero detectable shedding during use
Washability	Reusable and washable

Performance Requirements:

Parameter	Requirement
Abrasion Resistance	EN 388 Level 3 or higher
Grip	High grip in dry and slightly moist conditions
Dexterity	EN 420 Level 5
Tear Resistance	EN 388 Level 2 or higher
Breathability	Good
Comfort for Long Duration Use	Excellent

Sizes:

Size	Palm Circumference
Short (S)	178–203 mm
Medium (M)	203–229 mm
Large (L)	229–254 mm

Quality Requirements:

- No loose fibers.
- No exposed latex particles.
- Uniform coating thickness.
- Odor-free.
- Skin-safe and non-irritant.
- Free from silicone and oil contamination.



STATE-WISE DISTRIBUTION OF KITS FOR THE YEAR 2026-27

Sl. No.	State	Component-IB		Expected beneficiary number of farmers for the kit	Budget Outlay (₹ Crore)		
		Physical Target under Component-I(B) (Hectare)	Estimated Beneficiary Farmers* (Nos.)		Central Share at the rate of 60% subject to the maximum of Rs.3000	State Share at the rate of (40%)	Total
1	Maharashtra	1,07,125	1,44,764	12,750	3.83	2.55	6.38
2	Madhya Pradesh	29,000	39,189	3,500	1.05	0.70	1.75
3	Telangana	67,840	91,676	8,200	2.46	1.64	4.10
4	Uttar Pradesh	1,000	1,351	100	0.03	0.02	0.05
5	West Bengal	1,600	2,162	200	0.06	0.04	0.10
6	Andhra Pradesh	18,000	24,324	2,200	0.66	0.44	1.10
7	Assam	400	541	50	0.02	0.01	0.03
8	Gujarat	94,450	1,27,635	11,400	3.42	2.28	5.70
9	Haryana	10,000	13,514	1,200	0.36	0.24	0.60
10	Karnataka	33,000	44,595	4,000	1.20	0.80	2.00
11	Odisha	11,590	15,662	1,400	0.42	0.28	0.70
12	Punjab	5,000	6,757	600	0.18	0.12	0.30
13	Rajasthan	16,380	22,135	1,950	0.59	0.39	0.98
14	Tamil Nadu	18,000	24,324	2,450	0.74	0.49	1.23
Total		4,13,385	5,58,628	50,000	15.00	10.00	25.00

***Note:**

1. The distribution of Kits shall be implemented as a convergent intervention under Component-I(B) of the Mission.
2. Allocation of kits among States broadly in proportion to the estimated number of beneficiary farmers under Component-I(B), ensuring alignment with the annual physical targets.
3. The Sub-component shall be benefitting 50,000 farmers in FY 2026-27. Similar distribution aligned with targeted farmers of Component-IB for subsequent years from 2027-28 to 2030-31 subject to an overall estimated coverage of 2,00,000 farmers during the Mission period.