

Food and Nutrition Security (KrishionnatiYojana) -Commercial Crops – Cotton

The DA &FW under the Union Ministry of Agriculture is implementing the Centrally Sponsored Schemes of Intensive Cotton District Programme (ICDP) from 1971-72 to 1978-1979, Intensive Cotton Development Programme (ICDP) from 1979-80 to 1998-99, and Technology Mission on Cotton (Mini Mission-II) from 1999-2000 to 2013-14. These schemes were focused to disseminate latest production and protection technologies for increasing production & productivity of cotton. Through TMC- MM:II, the components of i) Seed: Supply of breeder seeds, distribution of certified seeds and setting of seed delinting plants, ii) Demonstrations: Production and Protection technology, purchase of farm implements, Demonstration of farm implements, iii) Trainings: Extension personnel, Dealers, Farmers, iii) Irrigation Devices: Distribution of sprinkler sets , Distribution of drip sets and iv) IPM: Establishment of bio labs , Strengthening of bio lab, Surveillance of pests, IPM demos-cum-training, Distribution of Pheromone traps, Distribution of bio-agents, Distribution of manually operated sprayers, Distribution of Power Operated Sprayers and Distribution of Tractor Mounted Sprayers

The Union Ministry of Agriculture and Farmers Welfare has been implementing Food and Nutrition Security(KrishionnatiYojana): Commercial Crop (erstwhile National Food Security Mission) Cotton since 2014-15 in 15 states with a objective to meet the demand for both food and cash crops following cropping system approach. To achieve goal of this programme the strategies being followed, are i) Disseminating latest production and protection technologies at farmers' field through Frontline Demonstration like ICM, INM, IPM, improved Agronomic Practices etc, ii) Promoting inter cropping, Deshi/ELS cotton through Frontline Demonstration at Farmers' field, iii) Distribution of bio-agents, Plant Protection chemicals for effective management of pests, iv) Spreading Insecticide Resistance Management Technology to reduce insecticide usage and to manage resistance to insecticides /Bt. Cotton, especially Pink Bollworm Complex, v) Propagating HDPS technology to obtain high yields with a straight varieties, especially in the rainfed conditions in light soils, vi) Capacity building of cotton farmers and Extension personnel through organizing National/State Level Trainings & vii) Increasing area in Non-Traditional Cotton producing states like Tripura, Assam, Odisha, West Bengal and Uttar Pradesh.

i) The FNS(KrishionnatiYojana)Commercial Crops: Cotton is implementing through 15 State Governments, CICR & its 02 Regional Stations at Sirsa and Coimbatore and Cotton Research Stations under State Agricultural Universities of major cotton producing states. Cost of implementation between Central & State Governments is shared on 60:40 basis for General Category States and 90:10 basis for North East & hilly states. The Central Government Agencies are funded 100% by the Government of India. The districts covered, Component wise pattern of assistance and allocation for 2022-23 under FNS(KrishionnatiYojana) Commercial Crops: Cotton are presented below.

1. State & districts covered under FNS (KrishionnatiYojana) Commercial Crops: Cottonduring 2022-23

Total States: 15, Total Districts: 153

S.No	Name of State	No. of Districts	Implementing Districts
1	Assam	04	Barpeta, Dima Hasao, KarbiAnglong (E) & KarbiAnglong (W)
2	Andhra Pradesh	07	NTR Nagar, Palnadu, Guntur, Prakasam, Nandyal, Kurnool & Anantpur
3	Gujarat	30	Ahmedabad, Anand, Kheda, Gandhinagar, Mahesana, Sabarkantha, Aravalli, Banaskantha, Patan, Vadodara, Chhotaudepur, Narmada, Bharuch, Dahod, Panchmahal, Mahisagar, Surat, Tapi, Kutch, Junagadh, GirSomnath, Amreli, Porbandar, Bhavnagar & Botad.
4	Haryana	11	Bhiwani, CharkhiDadri, Fatehabad, Hisar, Jhajjar, Jind, Mahendragarh, Palwal, Rewari, Rohtak and Sirsa
5	Karnataka	07	Belagavi, Davangere, Dharwad, Kalaburgi, Haveri, Raichur & Yadagiri
6	Madhya Pradesh	09	Dhar, Jhabua, Alirajpur, Khargone, Barwani, Khandwa, Burhanpur, Chhindwara & Ratlam
7	Maharashtra	16	Dhule, Jalgaon, Ahmednagar, Aurangabad, Jalna, Beed, Nanded, Parbhani, Buldhana, Akola, Amravati, Washim, Yavatmal, Wardha, Nagpur & Chandrapur
8	Odisha	08	Kalahandi, Nuapada, Bolangir, Subarnapur, Ganjam, Gajapati, Rayagada & Koraput
9	Punjab	07	Barnala, Bhatinda, Faridkot, Fazilka, Mansa, Sri Muktasar Sahib & Sangrur
10	Rajasthan	02	Hanumangarh & Sriganganagar
11	Telangana	24	Adilabad, KomarumbheemAsifabad, Mancherial, Nirmal, Mahbubnagar, Wanaparthy, JogulambaGadwal, Nagarkurnool, Narayanpet, Warangal, Hanamkonda, JayashankarBhupalpally, Mulugu, Jangaon, Mahabubabad, Khammam, BhadradriKothagudem, Krimnagar, Jagityal, Peddapally, RajannaSiricilla, Nalgonda, Suryapet, YadariBhongir
12	Tamil Nadu	15	Cuddalore, Kallakurichi, Salem, Namakkal, Dharmapuri, Erode, Preamblelur,
13	Tripura	08	Dhalai, Gomati, Khowai, North Tripura, Sepahijala, South Tripura, Unakoti & West Tripura
14	Uttar Pradesh	04	Agra, Aligarh, Mathura & Hathras
15	West Bengal	01	South 24 Parganas

Central Agencies			
16	ICAR:CICR, Nagpur (IRM)	41	Chandrapur, Wardha, Amravati, Nagpur, Akola,Buldana,Yavatmal, Nanded, Parbhani, Jalna,Jalgaon. Bharuch, Junagarh, Khandwa, Dharwad,Raichur, Adilabad, Guntur, Kurnool, Coimbatore, Sirsa, Narmada, Amreli, Beed, Aurangabad, Nandurbar, Prakasam, Anantpur, Karimnagar, Khammam, Nagar Kurnool, Kalahandi, Bidar, Gulbarga, Bijapur,Mansa, Bhatida, Faridkot,Hanumangarh, Hisar
17	ICAR:CICR, RS, Coimbatore (FLD)	20	Faridkot, Hisar,Sriganganagar, Sirsa, Surat, Junagadh, Akola, Nanded, Rahuri, Nagpur, Khandwa, Bhawanipatna, Guntur, Nandhyal, Adilabad, Dharwad, Raichur, Chamrajanagar& Coimbatore.

**2. Components and Pattern of Assistance- FNS (Krishionnati Yojana) Commercial Crops:
Cotton**

S.No.	Component	Unit cost (Rs.)	Implementing agency
1	Insecticide Resistant Management (IRM)	Actual cost basis	ICAR-CICR, Nagpur / ICAR /KVKs/SAUs
2	Front Line Demonstration on :		
(a)	Integrated Crop Management (ICM)	Rs.8000/ha (Rs.7000 for inputs & Rs.1000 for Contingency)	SDA/ ICAR / SAUs / KVKs /
(b)	Deshi and ELS cotton / ELS Cotton Seed Production.	Rs.9000/ha (Rs.8000 for inputs & Rs.1000 for Contingency)	SDA / ICAR / SAUs / KVKs
(c)	Intercropping	Rs.8000/ha (Rs.7000 for inputs & Rs.1000 for Contingency)	SDA/ ICAR / SAUs / KVKs
(d)	Natural Colour Cotton	Rs.8000/ha (Rs.7000 for inputs & Rs.1000 for Contingency)	SDA/ ICAR / SAUs / KVKs
3	Trials on High Density Planting System.	Rs.10000/ha (Rs.9000 for inputs & Rs.1000 for Contingency)	SDA / ICAR / SAUs / KVKs
4	Distribution of plant protection chemicals and Bio-agents	Rs 500/ha or 50% of the cost, whichever is less	SDA / ICAR
5	National level training (25 participants X 2 days)	Rs. 80000/training	ICAR/ DCD, Nagpur
6	State level training (20 participants X 2 days)	Rs. 40000/training	SDA
7	Contingencies & Electronic Print Media.	Need based	DCD, Nagpur

FNS (Krishionnati Yojana) Commercial Crops: Cotton Allocation 2023-24

(Rs. in Lakh)

S. No.	State	Approved Allocation by the Ministry		
		Central Share	State Share	Total
1	Assam*	20.45	2.27	22.72
2	A. P.	147.77	98.51	246.28
3	Gujarat	351.24	234.16	585.40
4	Haryana	66.30	45.40	111.70
5	Karnataka	118.44	78.96	197.40
6	M. P.	75.18	50.12	125.30
7	Maharashtra	403.42	254.15	657.57
8	Odisha	171.30	114.20	285.50
9	Punjab	48.00	32.00	80.00
10	Rajasthan	53.70	35.80	89.50
11	Tamil Nadu	114.58	76.38	190.96
12	Telangana	149.77	99.84	249.61
13	U. P.	27.23	18.15	45.38
14	W. Bengal	39.81	20.00	59.81
15	Tripura *	74.88	8.32	83.20
	TOTAL (A)	1862.05	1168.27	3030.32
Central Agencies				
16	CICR, Nagpur (IRM)	250.00		250.00
17	AICCIP (FLDs)	80.00		126.11
18	Special Project on Cotton	4186.85		4186.85
	TOTAL (B)	4516.85	0.00	4516.85
	Grand Total (A) +(B)	6378.90	1168.27	7547.17

*(CS:SS is 90:10)