



XXXIV Weekly Advisory for Cotton Cultivation from 9th to 15th January, 2024


PUNJAB		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		January					January				
		03	04	05	06	07	09	10	11	12	13
	Firozpur						0	0	0	0	0
	Faridkot	0	0	0	0	0	0	0	0	0	0
	Muktsar	0	0	0	0	0	0	0	0	0	0
	Bhatinda	0	0	0	0	0	0	0	0	0	0
	Sangrur	0	0	0	0	0	0	0	0	0	0
	Ludhiana	0	0	0	0	0	0	0	0	0	0
Amount of rainfall & colour Code		0.1 to 2.4 mm		2.5 to 15.5 mm		15.6 to 64.4 mm		64.5 to 115.5 mm		115.6 to 204.4	
Rainfall category		Very light rainfall		Light rainfall		Moderate rainfall		Heavy rainfall		Very heavy rainfall	
Crop Condition: At Bathinda and Faridkot, picking is completed in all the fields.											
Advisory: Proper disposal of infested crop residues to prevent carryover of pests and diseases is advised. Stacking of the uprooted cotton stalks along the field bunds is to be avoided. The stalks may be shredded into small pieces using tractor drawn shredder to destroy the carryover population of pink bollworm											

HARYANA		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		January					January				
		03	04	05	06	07	09	10	11	12	13
	Hisar	0	0	0	0	0	0	0	0	0	0
	Jind	0	0	0	0	0	0	0	0	0	0
	Sirsa	0	0	0	0	0	0	0	0	0	0
	Rohtak	0	0	0	0	0	0	0	0	0	0
Amount of rainfall & colour Code		0.1 to 2.4 mm		2.5 to 15.5 mm		15.6 to 64.4 mm		64.5 to 115.5 mm		115.6 to 204.4	
Rainfall category		Very light rainfall		Light rainfall		Moderate rainfall		Heavy rainfall		Very heavy rainfall	
Crop condition: At Hisar and Sirsa, picking is over in all the fields.											
Advisory: Proper disposal of infested crop residues to prevent carryover of pests and diseases is advised. Stacking of the uprooted cotton stalks along the field bunds is to be avoided. The stalks may be shredded into small pieces using tractor drawn shredder to destroy the carryover population of pink bollworm											

RAJASTHAN		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		January					January				
		03	04	05	06	07	09	10	11	12	13
	Ajmer	0	0	0	0	0	0	0	0	0	0
	Jodhpur	0	0	0	0	0	0	0	0	0	0
	Nagaur	0	0	0	0	0	0	0	0	0	0
	Pali	0	0	0	0	0	0	0	0	0	0
	Sri Ganganagar	0	0	0	0	0	0	0	0	0	0
Amount of rainfall & colour Code		0.1 to 2.4 mm		2.5 to 15.5 mm		15.6 to 64.4 mm		64.5 to 115.5 mm		115.6 to 204.4	
Rainfall category		Very light rainfall		Light rainfall		Moderate rainfall		Heavy rainfall		Very heavy rainfall	
Crop condition: In Southern Rajasthan (Banswara, Bhilwara, Chittorgarh, Dungarpur, Pratapgarh, Rajsamand and Udaipur) and Sriganganagar and Hanumangarh, picking is completed.											

Advisory:

Proper disposal of infested crop residues to prevent carryover of pests and diseases is advised. Stacking of the uprooted cotton stalks along the field bunds is to be avoided. The stalks may be shredded into small pieces using tractor drawn shredder to destroy the carryover population of pink bollworm.


ODISHA		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		January					January				
		03	04	05	06	07	09	10	11	12	13
	Koraput	0	0	0	0	0	0	0	0	0	0
	Kalahandi	0	0	0	0	0	0	0	0	0	0
	Balangir	0	0	0	0	0	0	0	0	0	0
Amount of rainfall & colour Code		0.1 to 2.4 mm		2.5 to 15.5 mm		15.6 to 64.4 mm		64.5 to 115.5 mm		115.6 to 204.4	
Rainfall category		Very light rainfall		Light rainfall		Moderate rainfall		Heavy rainfall		Very heavy rainfall	

Crop condition:

At Odisha, the crop is harvested completely.

Advisory:

Proper disposal of infested crop residues to prevent carryover of pests and diseases is advised. Stacking of the uprooted cotton stalks along the field bunds is to be avoided. The stalks may be shredded into small pieces using tractor drawn shredder to destroy the carryover population of pink bollworm

GUJARAT		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		January					January				
		03	04	05	06	07	09	10	11	12	13
	Amreli	0	0	0	0	0	0	0	0	0	0
	Bhavnagar	0	0	0	0	0	4	0	0	0	0
	Jamnagar	0	0	0	0	0	0	0	0	0	0
	Rajkot	0	0	0	0	0	0	0	0	0	0
	Junagadh	0	0	0	0	0	0	0	0	0	0
	Sabarkantha						0	0	0	3	0
	Surendranagar	0	0	0	0	0	0	0	0	0	0
	Ahmedabad	0	0	0	0	0	0	0	0	0	0
	Baroda	0	0	0	0	0	0	0	0	0	0
	Patan	0	0	0	0	0	0	0	0	0	0
	Mehesana						0	0	0	0	0
Amount of rainfall & colour Code		0.1 to 2.4 mm		2.5 to 15.5 mm		15.6 to 64.4 mm		64.5 to 115.5 mm		115.6 to 204.4	
Rainfall category		Very light rainfall		Light rainfall		Moderate rainfall		Heavy rainfall		Very heavy rainfall	

Crop condition:


At Surat, the crop is almost completed.

At Junagadh, final picking is almost completed.

Advisory:

At Surat, farmers are advised to collect and destroy diseased bolls and crop debris from the field. After picking, sun dry the seed cotton properly on concrete floor or tarpaulin sheets to reduce the moisture level. Complete pickings of fully opened cotton bolls on time. Utilize cotton stalk for composting at the earliest possible to minimize carryover of pink bollworm in the form of pupal stage existing on cotton stalks. Do not store in heaps on field bunds or around colonies. After harvest of the cotton crop, use shredder as an effective tool to manage the crop residue to minimize the population of pink bollworm and others. Destroy boll rot, diseased crop debris and leftover residues away from the cotton fields to check further and reduce the level of inoculum of pathogen.

At Junagadh, farmers are advised to allow the cattle and sheep to graze the remaining stubbles and bad opened bolls infested with pink bollworm. Terminate the crop at the earliest possible. The stalks may be shredded into small pieces using tractor drawn shredder to destroy the carryover population of pink bollworm. Destroy boll rot, diseased crop debris and leftover residues away from the cotton fields to check further and reduce the level of inoculum of pathogen.


MADHYA PRADESH		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		January					January				
		03	04	05	06	07	09	10	11	12	13
	Khargaon										
	Dhar	0	0	4	0	0	0	0	0	0	0
	Khandwa										
Amount of rainfall & colour Code		0.1 to 2.4 mm		2.5 to 15.5 mm		15.6 to 64.4 mm		64.5 to 115.5 mm		115.6 to 301	
Rainfall category		Very light rainfall		Light rainfall		Moderate rainfall		Heavy rainfall		Very heavy rainfall	

Crop Condition:

At Khandwa, the crop is completed.

Advisory:

Proper disposal of infested crop residues to prevent carryover of pests and diseases is advised. Stacking of the uprooted cotton stalks along the field bunds is to be avoided. The stalks may be shredded into small pieces using tractor drawn shredder to destroy the carryover population of pink bollworm.

MAHARASHTRA		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		January					January				
		03	04	05	06	07	09	10	11	12	13
	Dhule	0	0	0	0	0	9	0	0	0	0
	Nandurbar	0	0	2.5	0	0	8	0	0	0	0
	Jalgaon	0	0	0	0	0	9	6	0	0	0
	Ahmednagar	0	0	0	0	0	16	9	0	0	0
	Aurangabad	5.8	0	0	0	0	8	3	0	0	0
	Jalna	0	0.5	0	0	0	5	2	0	0	0
	Beed	0	0	0	0	0	7	2	0	0	0
	Nanded	0	0	0	0	0	2	0	0	0	0
	Parbhani	0	0	0	0	0	4	0	0	0	0
	Hingoli	0	0	0	0	0	3	0	0	0	0
	Buldhana	0	0	0	0	0	0	0	0	0	0
	Akola	0	0	0	0	0	0	0	0	0	0
	Washim	0	0	0	0	0	0	0	0	0	0
	Amravati	0	0	0	0	0	0	0	0	0	0
	Yavatmal	0	0	0	0	0	0	0	0	0	0
	Wardha	0	0	0	0	0	0	0	0	0	0
	Nagpur	0	0	0	0	0	0	0	0	0	0
Chandrapur	0	0	0	0	0	0	0	0	0	0	
Amount of rainfall & colour Code		0.1 to 2.4 mm		2.5 to 15.5 mm		15.6 to 64.4 mm		64.5 to 115.5 mm		115.6 to 204.4	
Rainfall category		Very light rainfall		Light rainfall		Moderate rainfall		Heavy rainfall		Very heavy rainfall	

Crop condition:

At Akola, picking is completed.

At Nanded, the crop is completed.

At Rahuri, the crop is terminated as final picking is over.


Advisory:

At Akola, farmers are advised to keep the picked cotton variety wise. After harvest of early *Bt* cotton varieties, take up rabi crop of either Chickpea or wheat if irrigation facility is available to reap more monetary benefit. Proper disposal of infested crop residues to prevent carryover of pests and diseases is advised. Stacking of the uprooted cotton stalks along the field bunds is to be avoided. The stalks may be shredded into small pieces using tractor drawn shredder to destroy the carryover population of pink bollworm

At Nanded, farmers are advised to store picked cotton of different hybrids separately. Dry cotton in shade prior to storing them. Collect and destroy diseased bolls and crop debris from the fields. Proper disposal of infested crop residues to prevent carryover of pests and diseases is advised. Stacking of the uprooted cotton stalks along the field bunds is to be avoided. The stalks may be shredded into small pieces using tractor drawn shredder to destroy the carryover population of pink bollworm

At Rahuri, farmers are advised to collect and destroy diseased bolls and crop debris from the fields. Allow cattle and sheep to

graze the remaining stubbles and bad opened bolls. Proper disposal of infested crop residues to prevent carryover of pests and diseases is advised. Stacking of the uprooted cotton stalks along the field bunds is to be avoided. The stalks may be shredded into small pieces using tractor drawn shredder to destroy the carryover population of pink bollworm

TELANGANA		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		January					January				
		03	04	05	06	07	09	10	11	12	13
	Adilabad	0	0	0	0	0	0	0	0	0	0
	Warangal	0	0	0	0	0	0	0	0	0	0
	Khammam	0	0	0	0	0	0	0	0	0	0
	Karimnagar	0	0	0	0	0	0	0	0	0	0
	Mahabubnagar	0	0	0	0	0	0	0	0	0	0
Amount of rainfall & colour Code		0.1 to 2.4 mm		2.5 to 15.5 mm		15.6 to 64.4 mm		64.5 to 115.5 mm		115.6 to 204.4	
Rainfall category		Very light rainfall		Light rainfall		Moderate rainfall		Heavy rainfall		Very heavy rainfall	


Crop Condition:

At Warangal, final picking is over.

At Adilabad, picking is in progress.

Advisory:

At Adilabad, farmers are advised to incorporate cotton stubbles in the soil to break the PBW life cycle. Do not extend the crop by giving irrigation and fertilizers. Collect and destroy diseased bolls and crop debris from the fields. Once picking is over, allow the animals to graze to remove the left over PBW pest residue from the stubbles. If irrigation facility is available, go for crops like sesamum, maize, green gram or groundnut. Proper disposal of infested crop residues to prevent carryover of pests and diseases is advised. Stacking of the uprooted cotton stalks along the field bunds is to be avoided. The stalks may be shredded into small pieces using tractor drawn shredder to destroy the carryover population of pink bollworm

ANDHRA PRADESH		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		January					January				
		03	04	05	06	07	09	10	11	12	13
	Guntur	0	0	0	0	0	0	0	0	0	0
	Prakasam	0	0	0	0	0	0	0	0	0	0
Amount of rainfall & colour Code		0.1 to 2.4 mm		2.5 to 15.5 mm		15.6 to 64.4 mm		64.5 to 115.5 mm		115.6 to 204.4	
Rainfall category		Very light rainfall		Light rainfall		Moderate rainfall		Heavy rainfall		Very heavy rainfall	


Crop Condition:

At Guntur, final pickings are in progress in few fields. Crop is ploughed in by majority of the farmers.

At Nandyal, picking is completed and crop is over.

Advisory:

At Guntur, farmers are advised to graze cotton stubbles by sheep, goats etc., and operate crusher to reduce pink bollworm in the ensuing season. Proper disposal of infested crop residues to prevent carryover of pests and diseases is advised. Stacking of the uprooted cotton stalks along the field bunds is to be avoided. The stalks may be shredded into small pieces using tractor drawn shredder to destroy the carryover population of pink bollworm.

KARNATAKA		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		January					January				
		03	04	05	06	07	09	10	11	12	13
	Dharwad	0	3.6	0	0	0	1	0	0	0	0
	Haveri	0	0	2	0	0	1	0	0	0	0
	Mysore	5.2	0	0.8	0	0	0	0	0	0	0
Amount of rainfall & colour Code		0.1 to 2.4 mm		2.5 to 15.5 mm		15.6 to 64.4 mm		64.5 to 115.5 mm		115.6 to 204.4	
Rainfall category		Very light rainfall		Light rainfall		Moderate rainfall		Heavy rainfall		Very heavy rainfall	

Crop Condition:

At Dharwad, final picking is in progress.


At Raichur, picking is almost completed.

At Chamarajanagar, picking is completed.

Advisory:

At Dharwad, farmers are advised to collect and destroy diseased bolls and crop debris from the fields. Proper disposal of infested crop residues to prevent carryover of pests and diseases is advised. Stacking of the uprooted cotton stalks along the field bunds is to be avoided. The stalks may be shredded into small pieces using tractor drawn shredder to destroy the carryover population of pink bollworm

At Raichur, farmers are advised to collect and destroy diseased bolls and crop debris from the fields. The stalks may be shredded into small pieces using tractor drawn shredder to destroy the carryover population of pink bollworm.

TAMIL NADU		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		January					January				
		03	04	05	06	07	09	10	11	12	13
	Perambalur	0	0	0	0	0	9	2	0	0	0
	Salem	0	0	0	0.3	0	4	2	0	0	0
	Trichy						10	2	0	0	0
	Virudhunagar	10.5	0	4	0	0.5	24	2	0	0	0
Amount of rainfall & colour Code		0.1 to 2.4 mm		2.5 to 15.5 mm		15.6 to 64.4 mm		64.5 to 115.5 mm		115.6 to 204.4	
Rainfall category		Very light rainfall		Light rainfall		Moderate rainfall		Heavy rainfall		Very heavy rainfall	

Crop Condition:

At Coimbatore and surrounding areas, the cotton crop was harvested in most of the farmers' fields. Only few late sown cotton crop is in picking stage. Pink bollworm incidence was noticed in few fields. Bacterial blight and grey mildew were recorded in the cotton fields.

At Srivilliputhur in and around fields, the sown cotton is at boll development and bursting stages. Incidence of leaf hoppers were noticed in some cotton fields. Stem weevil and root rot complex were prevalent in few areas. Bacterial leaf blight and grey mildew were recorded in some areas.

Advisory:

At Coimbatore, farmers are advised to harvest the fully burst bolls and sort out the good quality bolls. Store stained, discoloured and insect attacked bolls separately. Remove *Parthenium* weeds from the field. Wherever, pink bollworm has crossed ETL, spray Profenophos 50EC @ 600 ml/acre or Chlorpyrifos 20EC @ 500ml or Quinalphos 20AF@400ml/acre or Emamectin benzoate 5 SG@100 g/acre Indoxacarb 14.5 SC @ 200ml/acre. Apply foliar spray of Copper oxychloride 50WP/WG@30 g/10 litres of water to manage bacterial blight in cotton. Give foliar spray of Kresoxim-methyl 44.3% SC @10 ml or Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC @10 ml or Carbendazim 12%+ Mancozeb 63% WP@30 g/10 litres of water to manage grey mildew and leaf spot disease in cotton. Proper disposal of infested crop residues to prevent carryover of pests and diseases is advised. Stacking of the uprooted cotton stalks along the field bunds is to be avoided. The stalks may be shredded into small pieces using tractor drawn shredder to destroy the carryover population of pink bollworm

At Srivilliputhur, farmers are advised to stop irrigation and provide adequate drainage facility as medium rain fall is expected in forthcoming days. Spray Flonicamid 50WG@80g/acre or Diafenthiuron 50WP@250g/acre or Imidacloprid 17.8SL@60ml/acre or Thiamethoxam 25%WG @40g/acre against sucking pests if their population reaches ETL. Wherever, pink bollworm crosses ETL, spray Profenophos 50EC @600 ml/acre or Chlorpyrifos 20EC @500ml or Quinalphos 20AF@400ml/acre or Emamectin benzoate 5SG@100g/acre, Indoxacarb 14.5SC@200ml/acre. Spray Carbendazim 50 WP@ 0.04% or Carbendazim 12%+Mancozeb 63% WP@0.3% or Kresoxim methyl 44.3SC@0.1% or Propineb 70WP@0.25% or Propiconazole 25EC@0.1% or Metiram 55%+ Pyraclostrobin 5%WG@0.2% or Azoxystrobin 18.2% w/w + Difenoconazole 11.4%w/w SC @0.1% or Fluxapyroxad 167g/l + Pyraclostrobin 333 g/l SC @0.6% to manage Alternaria leaf blight, Corynespora leaf spot and grey mildew disease. Spot drench with Carbendazim 50WP@12g/10 litre of water to early symptomatic root rot affected and surrounding plants. Spray 1% KNO₃ for uniform boll bursting in the cotton fields.

Detailed information regarding cotton production technology, e.g. selection of soil, varieties, fertilizer application, sowing methods, irrigation systems, management of weeds, insect pests and diseases, etc. can be availed from an android based **CICR Cotton App** developed by ICARCICR, Nagpur. The app can be downloaded free of cost from Google play store. Additionally, the crop growth stage specific and weather based weekly advisory are uploaded on the website of ICAR-CICR also to be consulted for the benefit of farmers.