



XXXIII Weekly Advisory for Cotton Cultivation from 2nd to 8th January, 2024

PUNJAB		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		December/ January					January				
		29	30	31	01	02	04	05	06	07	08
	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: Farmers are advised not to stack the uprooted cotton stalks on the field bunds. The stalks may be used as fire word or may be shredded in to small pieces using tractor drawn shredder to destroy carryover population of pink bollworm. Similarly, collection and destruction of diseased bolls and infected crops debris from the fields is suggested.											


HARYANA		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		December/ January					January				
		29	30	31	01	02	04	05	06	07	08
	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: Farmers are advised not to stack the uprooted cotton stalks on the field bunds. The stalks may be used as fire word or may be shredded in to small pieces using tractor drawn shredder to destroy carryover population of pink bollworm. Similarly, collection and destruction of diseased bolls and infected crops debris from the fields is suggested.											

RAJASTHAN		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		December/ January					January				
		29	30	31	01	02	04	05	06	07	08
	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:

Farmers are advised not to stack the uprooted cotton stalks on the field bunds. The stalks may be used as fire wood or may be shredded into small pieces using tractor drawn shredder to destroy the carryover population of pink bollworm. Similarly, collection and destruction of diseased bolls and infected crop debris from the fields is suggested.


ODISHA		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		December/ January					January				
		29	30	31	01	02	04	05	06	07	08
	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:

Farmers are advised to dry the seed cotton on concrete floor or tarpaulin sheets to reduce the moisture almost 8-10%. Store the seed cotton obtained from the first picking separately and try to sell the seed cotton in the nearby "Mandies" to get better price. Remove all the cotton plants from the field to reduce the multiplication of pink boll worm. Use the cotton plants for making compost by cutting into small pieces and burying in the compost pits. Farmers are advised not to stack the uprooted cotton stalks on the field bunds. The stalks may be used as fire wood or may be shredded into small pieces using tractor drawn shredder to destroy the carryover population of pink bollworm. Similarly, collection and destruction of diseased bolls and infected crop debris from the fields is suggested.

GUJARAT		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		December/ January					January				
		29	30	31	01	02	04	05	06	07	08
	Amreli	0	0	0	0	0	0	0	0	0	0
	Bhavnagar	0	0	0	0	0	0	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	0	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 pick cotton when the seed cotton is dry without dew. Separate infested and healthy seed cotton to get better price. 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 pick clean and dry cotton to get a good price in the market. After last picking, 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. Farmers are advised not to stack the uprooted cotton stalks on the field bunds. The stalks may be used as fire wood or may beshredded into small pieces using tractor drawn shredder to destroy the carryover population of pink bollworm. Similarly, collectionand destruction of diseased bolls and infected crop debris from the fields is suggested.


MADHYA PRADESH		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		December/ January					January				
		29	30	31	01	02	04	05	06	07	08
	Khargaon										
	Dhar	0	0	0	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:

Farmers are advised to avoidcontaminationofpieces of dry leaves, stalks and soil while picking the lint. Spread in sunlight to reduce moisture content or else, the excess moisture harms the quality of lint as wellas seed.Store pickedcotton subsequently as per requirement. Certain precautions should be followed while storing the lint. Store house shouldbe wellventilated and pucca. If required, carry out fumigation of store house before storing the lint that is properly dried beforestorage.Destroy the stubbles from fields and also avoid heaping of stalks/stubbles in fields. The stalks may be used as fire wood or may beshredded into small pieces using tractor drawn shredder to destroy the carryover population of pink bollworm. Similarly, collectionand destruction of diseased bolls and infected crop debris from the fields is suggested.

MAHARASHTRA		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		December/ January					January				
		29	30	31	01	02	04	05	06	07	08
	Dhule	0	0	0	0	0	0	0	0	0	0
	Nandurbar	0	0	0	0	0	0	0	0	0	0
	Jalgaon	0	0	0	0	0	0	0	0	0	0
	Ahmednagar	0	0	0	0	0	0	0	0	0	0
	Aurangabad	0	0	0	0	0	0	0	0	0	0
	Jalna						0	0	0	0	0
	Beed	0	0	0	0	0	0	0	0	0	0
	Nanded	0	0	0	0	0	0	0	0	0	0
	Parbhani	0	0	0	0	0	0	0	0	0	0
	Hingoli	0	0	0	0	0	0	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 almost 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. Farmers are advised not to stack the uprooted cotton stalks on the field bunds. The stalks may be used as fire wood or may be shredded into small pieces using tractor drawn shredder to destroy the carryover population of pink bollworm. Similarly, collection and destruction of diseased bolls and infected crop debris from the fields is suggested. 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.

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. Farmers are advised not to stack the uprooted cotton stalks on the field bunds. The stalks may be used as fire wood or may be shredded into small pieces using tractor drawn shredder to destroy the carryover population of pink bollworm. Similarly, collection and destruction of diseased bolls and infected crop debris from the fields is suggested.

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. Farmers are advised not to stack the uprooted cotton stalks on the field bunds. The stalks may be used as fire wood or 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)				
		December/ January					January				
		29	30	31	01	02	04	05	06	07	08
	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. Farmers are advised not to stack the uprooted cotton stalks on the field bunds. The stalks may be used as fire wood or 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)				
		December/ January					January				
		29	30	31	01	02	04	05	06	07	08
	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. Farmers are advised not to stack the uprooted cotton stalks on the field bunds. Similarly, collection and destruction

of diseased bolls and infected crop debris from the fields is suggested.

KARNATAKA		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		December/ January					January				
		29	30	31	01	02	04	05	06	07	08
	Dharwad	0	0	0	0	0	0	0	0	0	1
	Haveri	0	0	0	0	0	0	0	0	0	1
	Mysore	0	0	0	0	0	1	1	1	1	1
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 in progress as per the dates sown. Pink bollworm attack was recorded in very late sown crop.

At Chamarajanagar, picking is completed.

Advisory:

At Dharwad, farmers are advised to collect and destroy diseased bolls and crop debris from the fields. Farmers are advised not to stack the uprooted cotton stalks on the field bunds. The stalks may be used as fire wood or may be shredded into small pieces using tractor drawn shredder to destroy the carryover population of pink bollworm.

At Raichur, farmers are advised to monitor the pink bollworm infestations and spray the crop with Cypermethrin 10%EC @ 300 ml/acre or Cypermethrin 25%EC @200ml/acre or Lambda cyhalothrin 5%EC @ 200ml/acre or Deltamethrin 2.8EC @ 200ml/acre or Fenprothrin 10%EC @ 300-400ml/acre or Fenvalerate 20EC @2 00ml/acre or Alphacypermethrin 10%EC@120ml/acre if it crosses ETL.Spray micronutrient @ 5 grams/ 5 ml in one litre of water. Give foliar spray 13-0-45 (Potassium nitrate) @ 10 grams for very late sown crop for good boll size. Collect and destroy diseased bolls and crop debris from the fields.Farmers are advised not to stack the uprooted cotton stalks on the field bunds. The stalks may be used as fire wood or 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)				
		December/ January					January				
		29	30	31	01	02	04	05	06	07	08
	Perambalur	0	0	0	6.8	0	0	0	0	0	0
	Salem	0	0	0	2	0	0	0	0	0	0
	Trichy						0	0	0	0	0
	Virudhunagar	1	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 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 jassid was 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 crop with Cypermethrin 10%EC @ 300 ml/acre or Cypermethrin 25%EC @200ml/acre or Lambda cyhalothrin 5%EC @ 200ml/acre or Deltamethrin 2.8EC @ 200ml/acre or Fenprothrin 10%EC @ 300-400ml/acre or Fenvalerate 20EC @2 00ml/acre or

Alphacypermethrin 10%EC@120ml/acre if it crosses ETL. 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.

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, wherever, pink bollworm has crossed ETL, spray crop with Cypermethrin 10%EC @ 300 ml/acre or Cypermethrin 25%EC @200ml/acre or Lambda cyhalothrin 5%EC @ 200ml/acre or Deltamethrin 2.8EC @ 200ml/acre or Fenprothrin 10%EC @ 300-400ml/acre or Fenvalerate 20EC @200ml/acre or Alphacypermethrin 10%EC@120ml/acre if it crosses ETL. 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 and grey mildew disease. Apply foliar spray of Copper oxychloride 50 WP/WG@30 g/10 litres of water to manage bacterial blight in cotton. Spot drench with Carbendazim 50WP@12g/10 litres 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 ICAR-CICR, 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.