ICAR-Central Institute for Cotton Research, Nagpur

XXXIV Weekly Advisory for Cotton Cultivation from 10th to 16th January, 2023

PUNJAB, HARYANA, RAJASTHAN

	ACTUAL RAINFALL (mm)					PREDICTED RAINFALL (mm)					ADVISORY
	JANAUARY					JANUARY					
Date	06	07	08	09	10	12	13	14	15	16	
											Crop completed in the cotton growing States of Punjab, Haryana and Rajasthan.

ODISHA

	ACTUAL RAINFALL (mm)					PREDICTED RAINFALL (mm)					ADVISORY
	JANAUARY					JANUARY					
Date	06	07	08	09	10	12	13	14	15	16	
											At Odisha, the crop is completed.

GUJARAT

	ACTUAL RAINFALL (mm)					PREDICTED RAINFALL (mm)					ADVISORY
	JANAUARY					JANUARY					
Date	06	07	08	09	10	12	13	14	15	16	
Amreli	0	0	0	0	0	0	0	0	0	0	At Surat, the crop is almost completed.
Bhavnagar	0	0	0	0	0	0	0	0	0	0	
Jamnagar	0	0	0	0	0	0	0	0	0	0	At Junagadh, final picking is almost completed.
Rajkot	0	0	0	0	0	0	0	0	0	0	
Junagadh	0	0	0	0	0	0	0	0	0	0	**Advisory:**
Sabarkantha	0	0	0	0	0	0	0	0	0	0	At Surat and Junagadh, after last picking, allow cattle and sheep to graze the remaining stubbles and bad opened bolls infested with pink bollworm. 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. Destroy the boll rot, diseased crop debris and leftover residues away from the cotton fields to check further and reduce the level of inoculum of the pathogens.
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	
Mehsana	0	0	0	0	0	0	0	0	0	0	

MADHYA PRADESH

	ACTUAL RAINFALL (mm)					PREDICTED RAINFALL (mm)					ADVISORY
	JANAUARY					JANUARY					
Date	06	07	08	09	10	12	13	14	15	16	
											At Khandwa, the crop is completed.

MAHARASHTRA

	ACTUAL RAINFALL (mm)					PREDICTED RAINFALL (mm)					ADVISORY
	JANAUARY					JANUARY					
Date	06	07	08	09	10	12	13	14	15	16	
Dhule	0	0	0	0	0	0	0	0	0	0	At Akola, the late sown crop is at picking stage.
Nandurbar	0	0	0	0	0	0	0	0	0	0	
Jalgaon	0	0	0	0	0	0	0	0	0	0	At Nanded, picking is almost completed.
Ahmednagar	0	0	0	0	0	0	0	0	0	0	
Aurangabad	0	0	0	0	0	0	0	0	0	0	At Rahuri, cotton picking is completed.
Jalna	0	0	0	0	0	0	0	0	0	0	
Beed	0	0	0	0	0	0	0	0	0	0	**Advisory:**
Nanded	0	0	0	0	0	0	0	0	0	0	At Akola, Nande and Rahuri, after last picking, allow cattle and sheep to graze the remaining stubbles and bad opened bolls infested with pink bollworm. 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. Destroy the boll rot, diseased crop debris and leftover residues away from the cotton fields to check further and reduce the level of inoculum of the pathogens.
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	

TELANGANA

	ACTUAL RAINFALL (mm)					PREDICTED RAINFALL (mm)					ADVISORY
	JANAUARY					JANUARY					
Date	06	07	08	09	10	12	13	14	15	16	
Adilabad	0	0	0	0	0	0	0	0	0	0	At Warangal, final picking is in progress.
Warangal	0	0	0	0	0	0	0	0	0	0	

Khammam	0	0	0	0	0	0	0	0	0	0	At Adilabad, farmers have extended the crop by irrigating even though awareness has been created to terminate the crop. Aphids and whitefly incidence was recorded above ETL along with pink bollworm attack. Final picking is in progress. **Advisory:** At Warangal, farmers are advised to incorporate stubbles with shredder or rotavator to destroy pink bollworm pest residue once picking is completed. Do not extend the cotton crop. Do not raise summer cotton as it will extend the life cycle of pink bollworm. Collect and destroy the boll rot and diseased crop debris outside the field. At Adilabad, farmers are discouraged to take ratoon crop. To control sucking pests farmers can spray Flonicamid 50 WG @ 4 g or Diafenthiuron 50 WG @12 g or Buprofezin 25 SC @20 ml or Acetamiprid 20 SP @2-3 g in 10 litres of water. To minimize pink bollworm population spray Cypermethrin 10% EC @ 10 ml Or cypermethrin 25% EC @ 4ml Or Lambda cyhalothrin 5%EC @ 10ml Or deltamethrin 2.8 EC @ 10ml Or fenpropathrin 10% EC @ 10ml Or alphacypermethrin 10% EC @ 6ml per 10 liter water. The spray decision should be taken only if there are at least 8 -10 green bolls are present per plant. After last picking allow the cattle and sheep to graze the remaining stubbles and bad opened bolls infested with pink bollworm. Collect and destroy the boll rot and diseased crop debris outside the field to check the carryover of inoculum.
Karimnagar	0	0	0	0	0	0	0	0	0	0	
Mahabubnagar	0	0	0	0	0	0	0	0	0	0	

ANDHRA PRADESH

	ACTUAL RAINFALL (mm)					PREDICTED RAINFALL (mm)					ADVISORY
	JANAUARY					JANUARY					
Date	**06**	**07**	**08**	**09**	**10**	**12**	**13**	**14**	**15**	**16**	
Guntur	0	0	0	0	0	0	0	0	0	0	At Nandyal, crop is completed. At Guntur, picking is in progress. Incidence of pink bollworm crossed ETL even in protected fields. The crop is still green with good boll load in few fields wherein jassids, whitefly and pink bollworm incidence were noticed and controlled through recommended measures. **Advisory:** At Guntur, farmers are advised to go for ETL based spraying of Diafenthiuron 50% WP @ 250 g/ acre or Flonicamid 50 WG @ 80 g/acre or Imidacloprid 17.8 SL @ 60 ml/acre or Acetamiprid 20 SP @ 40 g/acre to manage sucking pests. To minimize pink bollworm population spray Cypermethrin 10% EC @ 10 ml Or cypermethrin 25% EC @ 4ml Or Lambda cyhalothrin 5%EC @ 10ml Or deltamethrin 2.8 EC @ 10ml Or fenpropathrin 10% EC @ 10ml Or alphacypermethrin 10% EC @ 6ml per 10 liter water. The spray decision should be taken only if there are at least 8 -10 green bolls are present per
Prakasam	1	0	0	0	0	0	0	0	0	0	

											plant. After last picking allow the cattle and sheep to graze the remaining stubbles and bad opened bolls infested with pink bollworm. Collect and destroy the boll rot and diseased crop debris outside the field to check the carryover of inoculum.

KARNATAKA

	ACTUAL RAINFALL (mm)					PREDICTED RAINFALL (mm)					ADVISORY
	JANAUARY					JANUARY					
Date	**06**	**07**	**08**	**09**	**10**	**12**	**13**	**14**	**15**	**16**	
Dharwad	0	0	0	0	0	0	0	0	0	0	At Dharwad Jurisdiction (Dharwad, Haveri, Belagavi, Bagalakot, Vijayapur, Gadag & Uttarkannada Districts), picking is completed. At Raichur, the crop is completed. At Chamarajanagar, crop is completed. **Advisory:** At Dharwad Jurisdiction (Dharwad, Haveri, Belagavi, Bagalakot, Vijayapur, Gadag & Uttarkannada Districts), farmers are advised to terminate the crop immediately after the completion of harvest. Before uprooting of cotton, allow sheep and goats to graze the fields to feed on unopened bolls in order to avoid carryover of PBW infestation. Collect and destroy the boll rot and diseased crop debris outside the field.
Haveri	0	0	0	0	0	0	0	0	0	0	
Mysore	0	0	0	0	0	0	0	0	0	0	

TAMIL NADU

	ACTUAL RAINFALL (mm)					PREDICTED RAINFALL (mm)					ADVISORY
	JANAUARY					JANUARY					
Date	**06**	**07**	**08**	**09**	**10**	**12**	**13**	**14**	**15**	**16**	
Perambalur	0	0	0	0	0	0	0	0	0	0	At Coimbatore and fields neighbouring cotton districts, harvesting is in progress. Pink bollworm incidence and *Alternaria* blight disease was recorded in few fields. At Srivilliputhur and neighbouring areas, crop is at boll maturity and picking stage. **Advisory:** At Coimbatore and fields neighbouring cotton districts, farmers are advised to remove *Parthenium* weeds in the cotton fields. Harvest the well opened bolls. Stained, discolored and insect attacked kapas should be sorted out and kept separately to get higher market price for quality kapas. To manage Alternaria, Corynespora and Cercospora leaf spot and fungal boll rots, foliar spray of Carbendazim 50 WP @10 g or Propiconazole 25 EC @10 ml or Metiram 55+Pyraclostrobin 5 WG @ 20 g or Propineb 70 WP @ 25 g or
Salem	0	0	0	0	0	0	0	0	0	0	
Trichy	0	0	0	0	0	0	0	0	0	0	
Virudhunagar	0	0	0	0	0	0	0	0	0	0	

											Azoxystrobin 18.2% w/w+ Difenoconazole 11.4% w/w SC @10 ml in 10 litres of water is recommended. To minimize pink bollworm population spray Cypermethrin 10% EC @ 10 ml Or cypermethrin 25% EC @ 4ml Or Lambda cyhalothrin 5%EC @ 10ml Or deltamethrin 2.8 EC @ 10ml Or fenpropathrin 10% EC @ 10ml Or alphacypermethrin 10% EC @ 6ml per 10 liter water. At Srivilliputhur, farmers are advised to give need-based irrigation to late sown crops for proper maturity of bolls. Spray 1% KNO_3 for uniform boll bursting of the crop. Collect and destroy the boll rot and diseased crop debris outside the field.

Rainfall (mm)Legend colour

<5	5-20	21-50	51-80	>80

Source: www.imdagrimet.gov.in
www.agromet.imd.gov.in

The 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.