

ICAR-Central Institute for Cotton Research

Weekly Advisory for Cotton Cultivation from 24th to 30th October 2016

"The advisory is based on inputs received from the State Agricultural Universities of the respective state"

WEATHER ADVISORY

Date	Actual Rainfall IMD													IMD Forecast					ADVISORY	
	OCTOBER																			
	13to19	19	20	21	22	23	24	25	26	27	28	29	30							
PUNJAB																				Cotton Pinking is in full swing & A bumper crop of cotton is being harvested in all the three states of Punjab, Harayana and Rajasthan. Leafhopper and thrips population was very negligible. However, the incidence of Dusky cotton bug and Red cotton bug has appeared in Sirsa cotton fields. Farmers are advised to follow the clean picking procedures. Farmers are advised to take utmost care in picking as the lint stainers are in abundance under field condition. Picking should be done after every 8-10 days to avoid loss.
Bathinda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ferozepur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Muktsar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mansa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HARYANA																				
Sirsa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hissar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Fatehabad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
RAJASTHAN																				
Hanumangarh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sri Ganganagar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Banswara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ORISSA																				The crop is in boll development and maturity stage. Incidence of sucking pests and leaf folder noticed but below ETL. No incidence of diseases. Pheromone traps @ 5-6 /ha for pink boll worm monitoring should be installed immediately.
Koraput	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Kalahandi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Balangir	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GUJARAT																				At Junagadh, the crop is in boll development stage. Jassids and whitefly observed above ETL. Bacterial leaf blight and Alternaria leaf spot were observed. Para wilt and reddening were also noticed. At Surat, the crop at peak boll development stage. Weeding and one intercultural operation is essential. Leaf hopper above ETL and Helicoverpa noticed above ETL in Non Bt cotton. In Surat, among the four villages surveyed for pest infestation, only leafhopper crossed ETL in 2 to 3 locations in each of Kurchan, Kesalu, Dayadara and Derol villages and pink bollworm was above ETL in 1 location of Kesalu village. Pink bollworm is likely to increase in the next few weeks. Pheromone traps @ 5-6 /ha for pink boll worm monitoring should be installed immediately.
Amreli	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bhavnagar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Jamnagar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Raikot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Broach	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sabarkantha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Surendranagar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ahmedabad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Baroda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Patan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mahesana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

MP														Crop is at Boll formation stage. Due to continuous cloudy weather and heavy rains most of fields are infested with jassids, whiteflies, aphids and thrips at varied degrees. Pheromone traps @ 5-6 /ha for pink boll worm monitoring should be installed immediately.
Khargaoon	0	0	0	0	0	0	0	0	0	0	0	0		
Dhar	0	0	0	0	0	0	0	0	0	0	0	0		
Khandwa	0	0	0	0	0	0	0	0	0	0	0	0		
MAHARASHTRA													The crop has entered boll development stage. Boll bursting has started in early sown crop. <i>Alternaria</i> spots have been noticed in Bt and non Bt cotton.Reddening in Bt cotton was observed in some hybrids at maturity stage. In Akola, three villages were surveyed, in which only whitefly was above ETL in 1 location of Sawangi village. In Rahuri, three villages namely Sade, Gotumbe Akhada and Pimpri Avghad were surveyed in which only leafhopper was above ETL in 1 location each of Sade and Gotumbe Akhada villages. In Nanded, among the five villages (Pimpalgaon, Phulwal, Keroda, Vartala and Tuppa) surveyed, whitefly (2-3 locations), leafhopper(1-2 locations), Mealy bug (1-3 locations), pink Boll worm (2-3 locations), American boll worm (2-3 locations), <i>S. litura</i> (2-3 locations) and Spotted boll worm (2-4 locations) were recorded above ETL in the number of locations mentioned. Pheromone traps @ 5-6 /ha for pink boll worm monitoring should be installed immediately.	
Dhule	0	0	0	0	0	0	0	0	0	0	0	0		
Nandurbar	0	0	0	0	0	0	0	0	0	0	0	0		
Jalgaon	0	0	0	0	0	0	0	0	0	0	0	0		
Ahmednagar	0	0	0	0	0	0	0	0	0	0	0	0		
Aurangabad	0	0	0	0	0	0	0	0	0	0	0	0		
Jalna	0	0	0	0	0	0	0	0	0	0	0	0		
Beed	0	0	0	0	0	0	0	0	0	0	0	0		
Nanded	0	0	0	0	0	0	0	0	0	0	0	0		
Parbhani	0	0	0	0	0	0	0	0	0	0	0	0		
Hingoli	0	0	0	0	0	0	0	0	0	0	0	0		
Buldhana	0	0	0	0	0	0	0	0	0	0	0	0		
Akola	0	0	0	0	0	0	0	0	0	0	0	0		
Washim	0	0	0	0	0	0	0	0	0	0	0	0		
Amravati	0	0	0	0	0	0	0	0	0	0	0	0		
Yavatmal	0	0	0	0	0	0	0	0	0	0	0	0		
Wardha	0	0	0	0	0	0	0	0	0	0	0	0		
Nagpur	0	0	0	0	0	0	0	0	0	0	0	0		
Chandrapur	0	0	0	0	0	0	0	0	0	0	0	0		
TELANGANA														The crop has entered boll formation stage. In most of the districts, in Telangana and AP the incidence of Pink Bollworm was observed in flowers and incidence of rosette flowers was observed. Moth catches were observed to have crossed ETL levels in some villages in Telangana. Pheromone traps should be installed immediately at field level for monitoring of the incidence levels on community basis. Observation of rosette flowers and sampling of green bolls should be done regularly. Destroy rosette flowers and remove the dropped squares, dried flowers and pre-matured bolls to suppress pest population periodically at the initial stage. Bacterial leaf blight and foliar fungal leaf spot diseases may occur due to the prevailing weather conditions. As a prophylactic measure, spraying of recommended fungicides should be taken up.Physiological leaf reddening was noticed in different Bt. cotton hybrids with varied degree of intensity due to fluctuation in the climate and other aberrant weather conditions besides prevailing excess soil moisture conditions. In Guntur, ten villages were surveyed in which leaf hopper was above ETL in 1-2 in all the 10 villages and thrips was above ETL in 1 location in each of all the 10 villages except Ponnekallu and Yadlapadu villages. In Nandyal 2 villages were surveyed in which sucking pests namely leafhopper and thrips, pink bollworm were below ETL. pink bollworm pheromone traps may be installed immediately @ 4-5 traps per hectare for monitoring.
Adilabad	0	0	0	0	0	0	0	0	0	0	0	0		
Warangal	0	0	0	0	0	0	0	0	0	0	0	0		
Khammam	0.1	0	0	0	0	0	0	0	0	0	0	0		
Karimnagar	0	0	0	0	0	0	0	0	0	0	0	0		
Nalgonda	0	0	0	0	0	0	0	0	0	0	0	0		
Mahabubnagar	0	0	0	0	0	0	0	0	0	0	0	0		
AP														
Guntur	0	0	0	0	0	0	0	0	0	0	0	0		
Prakasam	0	0	0	0	0	0	0	0	0	0	0	0		

KARNATAKA														
Dharwad	4.3	0	0	0	0	0	0	0	0	0	0	0	0	At Raichur, the crop is in boll development stage. Crop growth is good in irrigated areas. Crop experienced moisture stress in rainfed areas. Weeding operations are to be carried out in the region where there was no rainfall during the week. In some areas of Ballari district, pink boll worm (PBW) incidence was noticed and the farmers were advised to take up recommended control measures against PBW. In some areas, myrid bug incidence was noticed. Leaf reddening occurred in some areas. 1% 19:19:19 + 1% MgSO4 foliar spray was recommended. Dry weather during day time and cold weather during night time was experienced in the region. Yellowing of leaves was noticed in some areas where excess rainfall was received. Advised to make drainage channel to remove excess water in the fields. In Dharwad, 9 villages were surveyed in which leafhopper was above ETL in 1 location of Bevinama village and thrips were above ETL in 1 and 2 locations of Tirlapur and Naragund villages, respectively. Pink bollworm was above ETL in 2 locations each of Halakarki and Hulageri villages. Aphids were above ETL in 1 location each of Tirlapur and Vadavatti villages. In Raichur 6 villages were surveyed in which all the sucking pests and pink bollworm were below ETL.
Haveri	2.2	0	0	0	0	0	0	0	0	0	0	0		
Mysore	5.5	0	0	0	0	0	0	0	0	0	0	0		
TAMILNADU														
Perambalur	8	0	0	0	0	3	5	0	0	0	0	0	0	The crop is in squaring and flower initiation stage. The crop is experiencing dry weather with no rains. No incidence of diseases. In Srivilliputtur, leafhopper was above ETL in 2 locations of Sithamayankan patti and thrips crossed ETL in 1 and 2 locations of Sithamayankan patti and Malli villages respectively.
Salem	18.9	0	0	7	0	0	0	0	0	0	0	0		
Trichy	15	0	12	1	4	1	0	4	1	0	0	0		
Virdhunagar	58.9	1	0	6	6	0	0	0	2	1	0	0		

Rainfall (mm) Legend Colour	< 5	5-20	21-50	51-80	> 80
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0 mm rainfall in the blank spaces
Source: http://nwp.imd.gov.in/bias/dist_fcst.htm

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