

ICAR-Central Institute for Cotton Research, Nagpur

Weekly Advisory for Cotton Cultivation from 30th November to 8th December 2018

WEATHER ADVISORY

Date	ACTUAL RAINFALL In mm IMD				PREDICTED IMD					Advisory
	NOVEMBER / DECEMBER									
	30	01	02	03	04	05	06	07	08	
ORISSA										
Koraput		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	The crop is 157 to 164 days old at boll bursting to harvesting stage. Spraying of 2% DAP or 2 % water soluble fertilizer 19:19:19 was done in the late sown crops for better boll development. Incidence of red cotton bug was reported from all the districts.. Angular leaf spot and Grey Mildew has been reported in Kalahandi, Nuapada, Bolangir and Rayagada districts. For management of angular leaf spot and Grey mildew, spray of 25g Copper Oxychloride and 1 g Streptocycline mixing with 10 litres of water was taken. Picking of cotton is going on in all the districts. Before packing in cotton bags, seed cotton has been dried under sun for 2-3 days. Selling of seed cotton has been started by the farmers in different 'Cotton Mandies' operated by the RMCs. Advisory: Picking of fully open bolls may be done on sunny hours of the day. Dry the harvested seed cotton properly under sun for 2-3 days before packing.
Kalahandi	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	
GUJARAT										
Amreli					0.0	0.0	0.0	0.0	0.0	At Junagadh, the crop is 150 days old at boll bursting stage. Infestation of Mealy bug was increased. In non-irrigated areas, farmers were advised to pull out infested plants and burn immediately and those farmers having irrigation facilities were advised to spray Acephate 75 SP 20 gm in 10 liters of water on infected parts and stem of plant. During survey of farmers' fields 0 to 3 grade Alternaria leaf spot disease was observed. Due to low rainfall, in most of farmers' field, picking of cotton has been completed. . At Surat, the crop is at boll bursting stage. Infestation of BLB is very low in the cotton fields. Picking has already started in few fields. Advisory: As the temperature is gradually coming down, famers having irrigation facilities must be alert with heavy attack of PBW occurrence. Light irrigation must be given. Spray Lambda cyhalothrin 5 EC @ 10ml in 10 litres of water. Those farmers with no irrigation facilities should pick open bolls immediately and second picked cotton should be kept separately. At Junagadh, farmers are advised to collect and destroy mealybug infested twigs if found and spray Profenophos 50% EC @20 ml/10 lit. water if seen above ETL. To control Para wilt, light irrigation followed by interculturing at vapsa condition; drenching of 2% urea around the infected and surrounding cotton plants should be taken up. Spray Streptomycin sulphate 1g + Copper oxychloride 2.5 g/lit of water for effective management of Bacterial leaf blight (BLB) disease.
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	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	
Sabarkantha					0.0	0.0	0.0	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	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	0.0	0.0	0.0	
MP										

Khargaon		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	At Khandwa, the crop is at boll formation, boll development and maturity stage. Incidence of jassids, whitefly and pink bollworm were controlled using recommended measures. No reports of disease incidence. Advisory: Advised not to use chemicals unless warranted.
Dhar		0.0	0.0	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	0.0	0.0	0.0	
MAHARASHTRA										
Dhule	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	At Akola, the crop is 142 to 147 days old at boll development and bursting stage. No infestation of weeds. Due to early withdrawal of rains, flowering and growth development stages of cotton were affected. Overall season was not good for cotton crop due to excess rainfall and heavy incidence of sucking pest in the region resulted heavy reduction of yield. Pickings are in progress. Advisory: Farmers should go for picking of clean cotton and store at dry place.
Nandurbar	0.0	0.0	0.0	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	0.0	0.0	0.0	
Ahmednagar	0.0	0.0	0.0	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	0.0	0.0	0.0	
Jalna	0.0	0.0	0.0	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	0.0	0.0	0.0	
Nanded	0.0	0.0	0.0	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	0.0	0.0	0.0	
Hingoli	0.0	0.0	0.0	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	0.0	0.0	0.0	
Akola	0.0	0.0	0.0	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	0.0	0.0	0.0	
Amravati	0.0	0.0	0.0	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	0.0	0.0	0.0	
Wardha	0.0	0.0	0.0	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	0.0	0.0	0.0	
Chandrapur	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TELANGANA										
Adilabad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	At Guntur, the crop is 90 to 120 days entered boll formation and boll development stage. Weather was hot and humid. Spraying for sucking pests (Thrips/ Jassids) and <i>Spodoptera</i> was taken up. Pink bollworm attack noticed. Pickings are in progress. spraying of 0.1% Carbendazim was done to control Grey mildew. Advisory: If PBW observed more than 10 per cent, spray Fenvelerate 20 EC @ 5ml or Cypermethrin 10 EC @ 7ml in 10 litres of water only if plant have minimum 6-8 green bolls.
Warangal	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	
Khammam	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	
arimnagar	0.0	0.0	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	
Guntur	0.0	0.0	0.0		0.0	0.0	5.0	14.0	0.0	
Prakasam	0.0	0.0	0.0			5.0	9.0	14.0	0.0	
KARNATAKA										
Dharwad		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Second picking is completed. In early sown crop, kapas picking is completed. Dry weather and increasing soil moisture stress leading to forced maturity and boll opening in Belagavi and Haveri districts with lower night temperature and dry weather during day time. Aphids and Thrips are reported in late sown crop in some areas. Suggested to take up one final spray
Haveri		0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	
Mysore		0.0	0.0	0.0	0.0	3.0	33.0	27.0	0.0	

											with Acetamiprid 20%SP 2g/10 l water if more green bolls are found on the plant after first and second picking of cotton. Advisory: Kapas picking is almost over in crop sown during May, it is suggested to avoid irrigation and fertilizers application to terminate the crop timely. The cotton stalks may be composted using suitable composting cultures or may be roto-slashed in the field itself to incorporate in to the soil, which will enhance the soil fertility. Kapas to be sent to market picking wise separately.
TAMIL NADU											
Perambalur		0.0	0.0	0.0	3.0	10.0	9.0	7.0	0.0		The crop is 96 days old at flowering and boll formation stage. <i>Parthenium</i> , <i>Trianthema</i> , <i>Cyperus</i> , were the major weeds observed. Removal of weeds before flowering based on the nature of infestation was taken up. No incidence of pests and diseases.
Salem		0.0	0.0	0.0	0.0	8.0	10.0	17.0	0.0		on the nature of infestation was taken up. No incidence of pests and diseases.
Trichy		0.0	0.0	0.0	0.0	6.0	12.0	19.0	0.0		At Srivilliputhur, the crop is 55 to 100 DAS at boll formation to boll development stage. Weeding and top dressing of fertilizers in many parts of area taken up. <i>Echinochloa spp</i> , <i>Trianthema portulacastrum</i> <i>Dactyloctenium aegyptium</i> , <i>Cyperus spp</i> , <i>Cynadon dactylon</i> were the major weeds that infested the crop. Sucking pests (Leaf hopper, aphids and white flies) and boll worms were observed in some areas. Root rot incidence was noticed in some areas.
Virudhunagar		0.0	0.0	3.0	8.0	13.0	22.0	21.0	4.0		Advisory: Sucking pests to be managed by the application of Flonicamid @ 150 g / ha. Root rot may be managed by drenching with Carbendazim @ 0.2%. Flonicamid 4gm or Thiamethoxam 2g/10 l water may be sprayed against sucking pests. Spraying of Chlorantraniliprole 125 ml / ha is recommended for the control of boll worms. Irrigation is recommended for square retention and boll formation.

Rainfall (mm) legend

<5	5-20	21-50	51-80	>80
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0.0 mm rainfall (no rainfall) .

Blank space express data Not available.

Source : <http://imdagrmet.gov.in>