

**ICAR-Central Institute for Cotton Research, Nagpur**  
**Weekly Advisory for Cotton Cultivation from 12<sup>th</sup> to 21<sup>st</sup> October '2018**

**WEATHER ADVISORY**

Date	ACTUAL RAINFALL In mm IMD					PREDICTED IMD					Advisory
	OCTOBER										
	12	13	14	15	16	17	18	19	20	21	
<b>PUNJAB</b>											
Ferozpur	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	At Faridkot, the crop is 162 days old at boll opening phase and picking stage. Picking is in progress. There is no serious problem of weed infestation. As the cotton picking has started the incidence of whitefly, leafhopper and thrips is negligible at most of the surveyed locations in Punjab. No incidence of any bollworm attack has been noticed at farmer's field on Bt-cotton.  <b>Advisory:</b> As the crop is at harvesting stage, do not use any chemical unless warranted.
Faridkot	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Mukatsar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Bhatinda	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Sangrur	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Ludhiana	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
<b>HARYANA</b>											
Hisar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	At Sirsa, the crop is 140 to 155 days old at boll opening and picking stage. Picking is in progress.  <b>Advisory:</b> As the crop is at harvesting stage, do not use any chemical unless warranted.
Jind	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Sirsa	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Rohtak	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
<b>RAJASTHAN</b>											
Ajmer	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	At Banswara, the crop is 110 days old at boll development stage. During the reporting week, sucking pest infestation was below ETL. At present fields are weed free.  <b>Advisory:</b> Regular field monitoring for sucking pests and parawilt incidence may be done.
Jodhpur	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Nagaur	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Pali	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
Sri Ganganagar		0.0									
<b>ORRISA</b>											
Koraput	0.0	0.6	16.5	0.0	0.0	28.0	31.0	24.0	18.0	3.0	The crop is 110 to 115 days old at boll formation and boll development stage. Plant protection measures by application of pesticides and fungicides in Kalahandi, Bolangir and Rayagada and Nuapada districts. Spraying of 2% DAP or 2 % water soluble fertilizer 19:19:19 for better boll development.. Monitoring of pink bollworm was done by installation of pheromone traps. Angular leaf spot has been reported in Kalahandi, Nuapada, Bolangir and Rayagada districts.  <b>Advisory:</b> If sucking pest infestation goes above ETL, spray Flonicamid 50 WG @ 0.4g/litre of water or Thiamethoxam @ 0.2 g/lit of water. Sucking pests population can be reduced by installation of yellow sticky traps @ 20 number /ha. To control angular leaf spot, spray Copper Oxychloride 25g + Streptocycline 1 g in 10 litres of water. For better boll development spray 2% DAP or 2 % water soluble fertilizer 19:19:19 at weekly intervals. Install pheromone traps @ 5 numbers / ha to monitor the incidence of Pink bollworm.
Kalahandi						0.0	5.0	24.0	9.0	4.0	
Balangir						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	18.0	47.0	23.0	Collect 20 bolls randomly from the fields and open them for the presence of pink boll worm, if 2 or more bolls found damaged by the pest or average 24 moths per trap observed in 3 days, then spray Fenvelerate 20% EC 10 ml Or Cypermethrin 10% EC 10 ml or lambda-Cyhalothrin 5%EC 10ml per 10 L water.
Nanded	0.0	0.0	0.0	0.0	0.0	3.0	13.0	53.0	27.0	18.0	
Parbhani	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	30.0	5.0	
Hingoli	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	6.0	
Buldhana	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	9.0	
Akola	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	24.0	
Washim	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	
Amravati	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	24.0	
Yavatmal	0.0	0.0	0.0	0.0	0.0	0.0	3.0	4.0	14.0	0.0	
Wardha	0.0	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	0.0	
Chandrapur	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	5.0	0.0	
<b>TELANGANA</b>											
Adilabad						0.0	0.0	11.0	23.0	4.0	The crop is 45 to 90 days old at vegetative to boll formation stage. Thrips, Jassids and Mealybug infestation were controlled through recommended measures. Intercultivation was taken up for weed control. Awareness was created among the farmers of pink bollworm damage and management strategies through mass media and regular campaigns by DAATTC, KVK's and Department of Agriculture. <b>Advisory:</b> Install Pheromone traps @ 2 per acre for monitoring pink bollworm incidence. Foliar application of nutrients 1% (19:19:19, NPK) at squaring, flowering and boll development stages. Application of NSKE is being emphasized in view of its ovicidal action against pink bollworm.
Warangal						20.0	12.0	13.0	10.0	6.0	
Khammam						25.0	23.0	7.0	15.0	0.0	
Karimnagar						0.0	7.0	13.0	0.0	3.0	
Mahabubnagar						47.0	43.0	23.0	13.0	0.0	
Guntur						20.0	15.0	8.0	3.0	0.0	
Prakasam						43.0	38.0	16.0	19.0	7.0	
<b>KARNATAKA</b>											
Dharwad						14.0	33.0	40.0	40.0	0.0	Early sown crop is 115-125 days old, but in majority area the crop is 100-105 days old. Peak flowering and boll development stage in majority areas. Early sown crop during May is at boll opening stage. There was no rainfall in cotton growing areas of Dharwad, Belgaum, Haveri districts. High temperature prevailed during this week. Monitoring of PBW, change of lures and spraying of neem based insecticides with ovicidal insecticides like Thiodicarb or Profenophos wherever PBW incidence has crossed ETL was taken up. Suggested to spray Acetamiprid 20 SP @ 0.2 g/lit of water for sucking pests management along with all 19 water soluble fertiliser @ 10g/lit of water. Incidence of boll rot in some places. At Raichur, Early sown crop is 105-110 days old entered into boll initiation and boll development stage. Late sown crop (70-75 days) is in flowering stage and very late sown crop (40-45 days) is in vegetative stage. <b>Advisory:</b> Nipping in 100-110 days old crop, especially in <i>intra specific</i> hybrid cotton crop. Managing leaf reddening with foliar sprays of all 19 and Magnesium Sulphate @ 1% each in 90-10 days old crop. Change f PBW lures periodically. Collect 20 bolls randomly from the fields and open them for the presence of pink boll worm, if 2 or more bolls
Haveri						21.0	21.0	22.0	29.0	9.0	

										found damaged by the pest, then spray Fenvelerate 20% EC 10 ml Or Cypermethrin 10% EC 10 ml or lambda-Cyhalothrin 5%EC 10ml per 10 L water.  Alternatively alternate furrow irrigation to 90-100 days crop in black soils wherever irrigation facilities are available. Suggested spray of NAA @ 0.5 ml/lit water to minimize the square droppings. Intercultivation in Desi cotton ( <i>Herbaceum</i> ) and manual weeding recommended. For boll rot management, Spray copper oxychloride 50% WP25g+Streptocyclin 1 g in 10 lit. of water.	
Mysore						40.0	15.0	7.0	35.0	17.0	
<b>TAMIL NADU</b>											
Perambur						13.0	21.0	14.0	4.0	6.0	Sown crop is in 50 days old at vegetative and square formation stage. Intercultivation with Junior hoe and earthing up was taken up. Second top dressing with 25 % N as neem coated urea was given. <i>Trianthema</i> , <i>Cyprus</i> , <i>Parthenium</i> , <i>Digeria</i> , <i>Panicum maximum</i> were the major weeds observed. No incidence of pests was observed. Prevailing high relative humidity is also favourable for black arm disease in cotton hence farmers are requested to monitor the crop and if necessary spray mixture of Tetracycline 100 gm + Copper oxychloride 1200 gm / ha. <b>Advisory:</b> Recommended fertilizers and pesticides may be applied whenever need arise.
Salem						61.0	48.0	45.0	32.0	8.0	
Trichy						143.0	92.0	54.0	12.0	19.0	
Virudhunagar						23.0	19.0	42.0	36.0	14.0	

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>