

**ICAR- Central institute for Cotton research, Nagpur**

**Weekly Advisory for Cotton Cultivation from 11<sup>th</sup> to 17<sup>th</sup> November '2019**

Date	ACTUAL RAINFALL in mm IMD					PREDICTED RAINFALL in mm IMD					ADVISORY	
	NOVEMBER					NOVEMBER						
	8	9	10	11	12	13	14	15	16	17		
<b>PUNJAB</b>												Picking almost over in all the cotton growing regions.
Ferozpur						0	0	0	7	0		
Faridkot	0	8.4	0			0	0	0	0	0		
Mukatsar						0	0	0	3	0		
Bhatinda	0	0	0	0		0	0	0	0	0		
Sangrur						0	0	0	0	0		
Ludhiana	0	0	0	0	0	0	0	0	0	0		
<b>HARYANA</b>												
Hissar	0	0	0	0	0	0	0	0	0	0		
Jind						0	0	0	0	0		
Sirsa						0	0	0	3	0		
Rohtak	0	0	0	0	0	0	0	0	0	0		
<b>RAJASTHAN</b>											At Banswara, the crop is 137 days old at boll development and boll bursting stage. Population of jassid noticed below ETL level. No infestation of whitefly or bollworms. No incidence of diseases.	
Ajmer	7.5	0	0	0	0	0	0	5	0	0		
Jodhpur	0	0	0	0	0	0	20	26	20	0		
Nagaur						3	0	26	19	0		
Pali	0	0	0	0	6	0	0	13	19	0		
Sri Ganganagar	7.8	0	0	0	0	0	7	15	8	0		
<b>ODISHA</b>											The crop is 146 to 156 days old at boll development and maturity stage. Second picking started in all the districts like Kalahandi, Bolangir and Rayagada and Nuapada. Hot weather prevailed during day time and reduced night temperature suitable for picking of cotton. As there was no rainfall during last week picking was continued. Regular monitoring for pest and disease incidence and plant protection measures and picking of cotton on sunny days going on. Jassids, whitefly and thrips infestation reported from the cotton growing districts. Low incidence of Bacterial Leaf Blight (BLB) and grey mildew reported from Kalahandi, Nuapada and Rayagada districts.	
Koraput	0	0	0	0	0	0	0	0	0	0		
Kalahandi	0	0	0	0	0	0	0	0	0	0		
Balangir	0	41.5	26.9	0	0	0	0	0	0	0		
<b>GUJARAT</b>											At Junagadh, the crop is 148 days old at flowering and boll opening stages. Insecticide spray was given. Few Rabi season weeds are germinating in the fields. Minor attack of Jassid, Whitefly and Thrips noticed. PBW 8-10 moths were caught per day, so control measures were given. Attack of <i>Corynespora</i> leaf spot and Bacterial blight noticed.	
Amreli		0				0	3	11	3	0		
Bhavnagar	2.6	0	0	0	0	0	0	0	0	0		
Jamnagar	0	0	0	0		0	4	10	7	0		
Rajkot	0	0	0	0	0	0	8	4	3	0		
Broach	8					0	0	0	0	0		

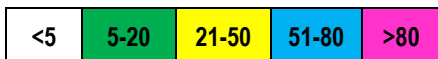


Amravati	0	0	0	0	0	0	0	0	0	0	
Yavatmal	0	0	0	0	0	0	0	0	0	0	
Wardha	0	0	0	0	0	0	0	0	0	0	
Nagpur	0	0	0	0	0	0	0	0	0	0	
Chandrapur	0	0	0	0	0	0	0	0	0	0	
<b>TELANGANA</b>											
Adilabad	0	0	0	0	0	0	0	0	0	0	At Guntur, the crop is at reproductive stage. Topping of plants was taken up wherever excess growth observed. Whitefly and jassid attack noticed above ETL for which recommended measures were taken up. For control of <i>Spodoptera</i> , Novaluron 1ml/l or Lufenuron 1.25ml/l or Flubendimide 0.3ml/l were sprayed. Pink Bollworm incidence noticed in traces and recommended Profenofos 2ml/l or Thiodicarb 1.5g/l. For control of whitefly, Profenophos 2ml/l or Diafenthiuron 1.25g/l was sprayed. For control of jassids, spraying of Monocrotophos 36 SL @ 1.6 ml/l, Acephate 75 SP @ 1.5 g/l, Fipronil 5 SC @ 2ml/l, Imidachloprid 17.8 SL @ 0.4 ml/l, Acetamiprid 20 SC @ 0.2g/l, Thiamethoxam 25 WG @ 0.2g/l, Flonicamid 0.3 g/l, Diafenthiuron @ 1.25g/l was recommended. Moderate to severe intensity of leaf spots was observed. Recommended spraying of Captan+Hexaconazole @ 1g/l or Propiconazole 1ml/l for foliar diseases. For controlling bacterial leaf blight and boll rots, 3g Copper oxychloride + 1g/l Streptocycline was sprayed.
Warangal		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	
<b>AP</b>											
Guntur	0	0	0	0		11	4	6	0	0	
Prakasam	0	0	0	0	0	11	7	18	5	0	
<b>KARNATAKA</b>											
Dharwad	4	0	0	0	0	0	0	0	4	0	At Raichur, the early sown crop is 135 to 140 days old, entered boll development to maturity stage in which first picking has been initiated. Late sown crop is 110 to 115 days old is in flowering and boll initiation stages. Weather was in general cloudy and humid. Fourth top dressing with Nitrogen and Potassium were taken up for early sown crop. Third topdressing of fertilizers with Nitrogen and Potassium for late sown crop. Second top dressing was done for very late sown crop. Second foliar spray of 1% 19:19:19 and 1% MgSO <sub>4</sub> for late sown crop, third spray with 1% 19:19:19 and 1% MgSO <sub>4</sub> foliar spray for 95 to 100 days old crop and third
Haveri				0		0	0	0	7	0	
Mysore	3	31	56	1	0	17	0	0	56	4	

											<p>spray with the same combination was recommended wherever leaf reddening was noticed. Weeds were noticed in all the farmers' fields irrespective of the sowing date. jassid noticed in early sown crop. Jassid and Aphids were noticed in both early and late sown crop. At Chamarajanagar centre, crop is between 78 days to 180 days old. Picking of cotton is in progress. Aphids (10 to 15/3 leaves) and Jassid (5 to 6 /3 leaves) noticed. pink boll worm incidence 18 to 20 per cent of was noticed. At Dharwad and surrounding districts, the crop is 130 days old at square formation to boll opening stage. Foliar applications of urea and Magnesium sulphate were given in late sown crops. Weed population is under control.</p> <p><b>Advisory:</b> Install pheromone trap to monitor pink bollworm moth. If it crosses ETL (8-10 Moth catch per day) or 10% infested green bolls with live larvae of Pink bollworm spray Fenvalerate 20% EC 10 ml Or Cypermethrin 10% EC 10 ml or lamda cyhalothrin 5% EC 10 ml per 10 liter of water only if more than 8 green bolls present per plant. For the control of jassid and aphid spray Dinotefuran 5SG @ 3g/ or Imidachloprid 17.8 SL @ 3 ml or Thiamethoxam 25 SG @ 2.5 g or Acetamiprid 50 WP @ 4 gm/10 lit of water. To manage foliar diseases, spray Carbendazim 50 WP @ 20g or pyraclostrobin 20 WG @ 10 g or Metiram55+ Pyraclostrobin 5WG @ 20g in 10 litres of water. Spray Copper oxychloride 25 g + Streptocycline @ 1 g/10 lit of water for effective management of Bacterial leaf blight (BLB) disease.</p>
<b>TAMIL NADU</b>											
Perambalur		0			0	0	3	12	11	0	<p>The crop is 85 days old at vegetative stage. Thrips, aphids and leaf hopper attack were noticed but below ETL. No incidence of diseases. At Srivilliputhur, the crop is 80 to 100 days old at boll formation and boll development stages. Need based weeding was taken up. Spotted boll worm and sucking pests have infested the crop above ETL. Stem weevil and root rot complex noticed.</p> <p><b>Advisory:</b> Farmers are advised to take up one hand weeding to keep the fields weed free condition. For the control of sucking pests spray Dinotefuran 5SG @ 3g/ or Imidachloprid 17.8 SL @ 3 ml or Thiamethoxam 25 SG @ 2.5 g or Acetamiprid 50 WP @ 4 gm/10 lit of water. If soil is having sufficient moisture, irrigation may be stopped. Nipping is to be carried out at 15<sup>th</sup> node for varieties and 20<sup>th</sup> node for hybrids to arrest the excess vegetative growth. Spray Emamectin benzoate at 40 g/ac for management of spotted boll worm. To manage stem weevil and root rot complex, drench Chlorpyrifos at 2.5 ml/lit + Carbendazim at 1 g/ lit of water.</p>
Salem	43	64	10	0	0	0	0	22	9	0	
Trichy						4	5	20	18	22	
Virudhunagar		0			0	16	22	24	10	21	

Rainfall (mm)

Legend



0.0 mm rainfall (no rainfall)

Blank space express data not available

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