

## ICAR-Central Institute for Cotton Research

### Weekly Advisory for Cotton Cultivation from 15<sup>th</sup> to 21<sup>st</sup> August 2016

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

#### WEATHER ADVISORY

Date	4 to 10	August											ADVISORY	
		Actual Rainfall						IMD rainfall forecast						
		10	11	12	13	14	15	16	17	18	19	20		21
<b>PUNJAB</b>													<p>In the three north zone states of Harayana, Punjab and Rajasthan, the crop is at fruiting stage. Interculturing is being carried out for weed removal. Whitefly incidence is well under control in the fields examined across the region and has not crossed ETL during the week. Cotton leaf curl disease ranged from Grade I to Grade III. Bacterial blight of cotton was observed in few fields. Incidence of <i>Helicoverpa</i> and <i>Earias</i> species was observed in traces in desi cotton. Integrated Pest Management (IPM) based control of insect pests is recommended as the crop has entered into boll maturity stage.</p>	
Bathinda	28	0	0	0	0	0	0	0	0	0	0	0		
Ferozepur	0.7	0	3	5	0	0	0	0	0	0	0	0		
Muksar	0	0	0	56	0	0	0	0	0	0	0	0		
Mansa	17	0	0	9	0	0	0	0	0	0	0	0		
<b>HARYANA</b>													<p>"There may be wilt problems in water logged areas; it can be effectively controlled by proper drainage and drenching with Cobalt chloride (as per PAU recommendation) and appropriate fungicides".</p>	
Sirsa	9.5	0	0	1	0	1.8	0	0	0	0	0	0		
Hissar	3.6	0.1	0.8	0.7	3.8	0	0	0	0	0	0	5		
Fatehabad	0	0	0	0	9.3	0	0	0	0	0	0	3		
<b>RAJASTHAN</b>													<p>The crop is 40 to 50 days old at peak vegetative and square formation stage. Second top dressing and earthing up has to be taken up. Incidence of aphids, jassids, semilooper and grass hoppers was noticed but was below ETL. No incidence of diseases has been noticed. Farmers are advised to take up weeding operations, 2nd top dressing of fertilizers and earthing up. Neem oil @3ml/litre of water may be used to control sucking pests at economic threshold levels. Pheromone traps at 5 per hectare may be installed to monitor bollworm infestation.</p>	
Hanumangarh	4.3	0	1.3	0	0	0	0	0	0	0	0	0		
Sri Ganganagar	24	0	1.4	3.9	0	0	0	0	0	0	0	0		
Banswara	202	35	11	2.2	0.2	0	0	0	1.3	0.7	0.5	6.3	1.8	
<b>ORISSA</b>													<p>The crop is 40 to 50 days old at peak vegetative and square formation stage. Second top dressing and earthing up has to be taken up. Incidence of aphids, jassids, semilooper and grass hoppers was noticed but was below ETL. No incidence of diseases has been noticed. Farmers are advised to take up weeding operations, 2nd top dressing of fertilizers and earthing up. Neem oil @3ml/litre of water may be used to control sucking pests at economic threshold levels. Pheromone traps at 5 per hectare may be installed to monitor bollworm infestation.</p>	
Koraput	131	0.7	2.9	0.4	2.1	9.5	9.1	18	18	24	0	12		48
Kalahandi	162	5.4	19	12	0	0.5	0.3	6	70	42	7	11		39
Balangir	158	30	7.8	2.7	0	1.1	0	2.4	98	43	10	8	29	



Akola	39	1.5	0.6	6.7	5.7	1.4	0.1	0	0	0	0	0	0	
Washim	31	0	0	1.9	0	0.6	0	0	0	0	0	0	0	
Amravati	49	1.8	1.8	4.4	1.2	3.2	1	0	0	0	1	3	4	
Yavatmal	39	0.3	0.6	0.3	0.1	0.3	0.3	0	0	2	2	1	3	
Wardha	38	2.6	4.1	1.9	0.5	6.1	3	0	0	2	1	2	8	
Nagpur	41	1.5	0	2.4	0.6	0.3	2.6	0.4	3	2	3	3	10	
Chandrapur	50	0.6	2	0.5	0	2.2	5.2	0.8	3	4	3	4	6	
<b>TELANGANA</b>														
Adilabad	38	0	0.2	0	2.5	0.7	1	0	0	0	4	6	3	Insect pest or disease reports have not been received from any part of the State. Insecticide usage is not needed anywhere now.
Warangal	32	0.1	0	0	3.6	1.6	0.2	0.2	0	0	8	6	6	
Khammam	40	0.1	0	1.9	0.1	0.2	0.1	0.4	0	0	12	8	10	
Karimnagar	40	0	0	0	7.9	2.7	0	0	0	0	5	8	6	
Nalgonda	3.8	0	0	0	0.3	0	0.2	0	0	0	0	0	0	
Mahabubnagar	5.6	0.4	0.1	0.1	2.6	2.6	0.3	0	0	0	0	0	0	
<b>AP</b>														
Guntur	2.8	0.1	0.6	0.1	0.3	0	0	0	0	0	0	0	0	The crop is at seedling stage to 60 days old. First split application of N&K fertilizers in the early sown crop may be taken up. Intercultivation for the control of weeds and conservation of moisture is to be taken up. In general no incidence of early occurring sucking pests has been reported. Thrips incidence was noticed but below ETL. Diagnostic surveys conducted revealed the presence of pink bollworm in early sown (June) crop. Therefore monitoring should be done with pheromone traps and field scouting should be taken up regularly. Physiological leaf reddening was noticed some Bt. cotton hybrids with varied degree of intensity due to prevailing drought condition. Foliar application of 1-2% Urea + 1% Magnesium Sulphate or 1-2% Potassium Nitrate (Multi K) + 1% Magnesium Sulphate or 1-2% DAP + 1% Magnesium Sulphate @ 5-7 days interval till the recovery of the plants depending upon the age of the crop.
Prakasam	1.4	0	0	1	0	0	0.2	0	0	0	0	0	0	
<b>KARNATAKA</b>														
Dharwad	33	0.1	4.7	2.4	6	5.4	1	1.1	3	2	3	1	2	The cotton crop is around 50-70 days and in flowering. Heavy rains with high wind velocity were reported in parts of Belagavi and Dharwad districts. Plant protection measures for sucking pests was undertaken and hand picking of shoot weevil during morning hours is under progress. Heavy weed infestation was reported at many places due to continuous rainfall, as it was not possible for hand weeding or intercultivation. It is suggested for post emergent weedicide application of Quizolofop Ethyl and Pyriithiobac sodium @ 1 ml/lit of water to control both monocot and dicot weeds. Sucking pests and shoot weevil incidence persisted in majority cotton growing areas of Haveri, Belgaum and Dharwad districts. Farmers are advised to follow Cotton manual for effective control of insect pests. .No incidence of diseases. At Raichur, the crop is 35 to 40 days old. Crop growth and establishment is good in rainfed
Haveri	24	0.9	0.4	1.4	1.8	2.4	1.2	1.2	3	2	2	1	2	
Mysore	2	0.5	0.8	0	4.4	2.1	4.2	2.5	3	6	5	3	3	

															areas. In some areas weed infestation was noticed. Incidence of thrips and leaf hoppers was noticed in few areas. No incidence of diseases.
<b>TAMILNADU</b>															Cotton sowing is in progress. The sown crop is normal at vegetative stage. No incidence of pests and diseases has been reported.
Perambalur	0	0	0	0	0.5	0	0	0	0	0	0	0	0		
Salem	1	1	0.3	0.1	7.2	2.6	0.2	2.3	0	0	0	0	0		
Trichy	0.1	0	0	0	0	5.3	0	0	0	0	0.5	0.5	0		
Virdhunagar	0	0	0	0	0	0	0	0	0	0	0	0	0		



Source: [http://nwp.imd.gov.in/bias/dist\\_fcst.htm](http://nwp.imd.gov.in/bias/dist_fcst.htm)

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