

## ICAR-Central Institute for Cotton Research

### Weekly Advisory for Cotton Cultivation from 10<sup>th</sup> to 16<sup>th</sup> 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
	Sep 29to5	5	6	7	8	9	10	11	12	13	14	15	16	
<b>PUNJAB</b>														The crop is in good condition. Picking is in full swing. Though whitefly has been noticed to have crossed economic threshold levels in some fields in a few villages, mainly in Abohar and Fazilka area, it is not advised to take up any insecticide sprays at this time, to avoid contamination of cotton lint with insecticide residues. It is better to pick up open bolls at regular intervals to prevent sooty mold development due to whiteflies. Farmers are advised not to irrigate the field after one-third opening of bolls, no picking in morning hours. The kapas should be dried before storage to avoid micro-organism damage.
Bathinda	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ferozepur	0	0	1.8	0	0	0	0	0	0	0	0	0	0	
Muktsar	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	
<b>HARYANA</b>														
Sirsa	12.3	0	0	0	0	0	0	0	0	0	0	0	0	
Hissar	3.9	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	
<b>RAJASTHAN</b>														
Hanumangarh	1.9	0	0	0	0	0	0.6	0	0	0	0	0	0	
Sri Ganganagar	0	0	0	0	0	0	0.1	0	0	0	0	0	0	
<b>GUJARAT</b>														
Banswara	54	3.1	1	6	14.4	0	0	0	0	0	0	0	0	
<b>ORISSA</b>														The crop is in peak boll development stage. Farmers are advised to drain out excess water from the field during heavy rainfall. Leaf hoppers were recorded at several
Koraput	59.7	0	0	10.2	26.2	2.4	11.1	2.7	0	0	0	0	0	

Kalahandi	80.7	0	0	29.5	0	30	27	0	0	0	0	0	0	places, but are unlikely to cause any damage to yields, except in cases where the hybrid is highly susceptible. It is important to drain fields to remove excess water. Planofix spray is recommended to prevent dropping of squares and bolls. The crop will respond to fertilizer application of Nitrogen + Potash + Sulphur. If fertilizer has not been applied during the past 10 days, it can now be given if soil moisture is adequate in the fields. Application of 20 kg Urea, 10-15 kg MOP/acre and subsequent foliar application of nutrients such as Urea 2% (20g/ltr) or 1-2% (10-20g/ltr) KNO3 alongwith 1% (10g/ltr) Magnisium Sulphate 2-3 times at 7 days interval is advised. PINK BOLLWORM PHEROMONE TRAPS MAY BE INSTALLED IMMEDIATELY @ 4-5 TRAPS PER HECTARE FOR MONITORING. Control measures amy be initiated as per recommendations of the 'Cotton health Management Strategies' note available on this web-site.
Balangir	27.9	2.7	5.5	12.5	0	93.2	2.8	0	0	0	0	0	0	The crop is in peak boll development stage. Farmers are advised to drain out excess water from the field during heavy rainfall. Leaf hoppers were recorded at several places, but are unlikely to cause any damage to yields, except in cases where the hybrid is highly susceptible. It is important to drain fields to remove excess water. Planofix spray is recommended to prevent dropping of squares and bolls. The crop will respond to fertilizer application of Nitrogen + Potash + Sulphur. If fertilizer has not been applied during the past 10 days, it can now be given if soil moisture is adequate in the fields. Application of 20 kg Urea, 10-15 kg MOP/acre and subsequent foliar application of nutrients such as Urea 2% (20g/ltr) or 1-2% (10-20g/ltr) KNO3 alongwith 1% (10g/ltr) Magnisium Sulphate 2-3 times at 7 days interval is advised. Pink boll worm infestation was above ETL in a few villages. PINK BOLLWORM PHEROMONE TRAPS MAY BE INSTALLED IMMEDIATELY @ 4-5 TRAPS PER HECTARE FOR MONITORING. Control measures amy be initiated as per recommendations of the 'Cotton health Management Strategies' note available on this web-site.
<b>GUJARAT</b>														No incidence of diseases has been noticed. Sucking pests has crossed ETL in some villiages. Recommended control measures may be initiated.
Amreli	51.5	22.9	11.4	24.9	16.2	0	0	0	0	0	0	0	0	The crop is in peak boll development stage. Farmers are advised to drain out excess water from the field during heavy rainfall. Leaf hoppers were recorded at several places, but are unlikely to cause any damage to yields, except in cases where the hybrid is highly susceptible. It is important to drain fields to remove excess water. Planofix spray is recommended to prevent dropping of squares and bolls. The crop will respond to fertilizer application of Nitrogen + Potash + Sulphur. If fertilizer has not been applied during the past 10 days, it can now be given if soil moisture is adequate in the fields. Application of 20 kg Urea, 10-15 kg MOP/acre and subsequent foliar application of nutrients such as Urea 2% (20g/ltr) or 1-2% (10-20g/ltr) KNO3 alongwith 1% (10g/ltr) Magnisium Sulphate 2-3 times at 7 days interval is advised. Pink boll worm infestation was above ETL in a few villages. PINK BOLLWORM PHEROMONE TRAPS MAY BE INSTALLED IMMEDIATELY @ 4-5 TRAPS PER HECTARE FOR MONITORING. Control measures amy be initiated as per recommendations of the 'Cotton health Management Strategies' note available on this web-site.
Bhavnagar	48.9	16.7	5.4	5.8	6.2	0	0	0	0	0	0	0	0	
Jamnagar	85.3	77.2	14.3	0	0	0	0	0	0	0	0	0	0	
Rajkot	66.3	46.1	7	2.4	5.4	0	0	0	0	0	0	0	0	
Broach	47.7	35.8	7.6	7.8	2.1	1.2	0	0	0	0	0	0	0	
Sabarkantha	23.6	10.7	9.9	6.9	0	0	0	0	0	0	0	0	0	
Surendranagar	27.4	12.2	9.1	6.1	0.6	0	0	0	0	0	0	0	0	
Ahmedabad	27.1	2.6	10.2	15.1	0	0	0	0	0	0	0	0	0	
Baroda	32.9	20.9	11	5.2	0	0.3	0.3	0.2	0	0	0	0	0	
Patan	47.4	28.7	5.8	10.1	0	0	0	0	0	0	0	0	0	
Mahesana	36.1	22.1	14.9	15.5	0.1	0	0	0	0	0	0	0	0	
<b>MP</b>														
Khargaon	54.9	2.9	0	0	9.3	15.9	0.5	0	0	0	0	0	0	
Dhar	80	2.9	5.9	0	21.7	0.1	0	0	0	0	0	0	0	
Khandwa	58.7	3.7	0	0	0	0	0	0	0	0	0	0	0	
<b>MAHARASHTRA</b>														
Dhule	68.7	13.4	2.8	0	0	1.6	0	0	0	0	0	0	0	
Nandurbar	42	10.1	5.2	0.1	0	13.2	0	0	0	0	0	0	0	
Jalgaon	51.8	8.8	5.7	0.2	0	13.4	0.2	0.1	1	0	0	0	0	
Ahmednagar	105	3.9	0.3	0	1.6	1.4	0.1	1.1	1	0	0	0	0	
Aurangabad	56.8	8.2	0.1	0	0	7.5	0	0	0	0	0	0	0	
Jalna	77.3	6.7	0.7	0	0	4	0	3.2	0	0	0	0	0	

Beed	98.8	1.8	1	0	0	4.6	0	0	0	0	0	0	0	20g/ltr) KNO <sub>3</sub> alongwith 1% (10g/ltr) Magnisium Sulphate 2-3 times at 7 days interval is advised. Pink boll worm infestation was above ETL in a few villages in Nandurbar, Dhule, Jalna and Jalgaon districts. PINK BOLLWORM PHEROMONE TRAPS MAY BE INSTALLED IMMEDIATELY @ 4-5 TRAPS PER HECTARE FOR MONITORING. Control measures amy be initiated as per recommendations of the 'Cotton health Management Strategies' note available on this web-site.
Nanded	79.3	3.4	0.4	0	1.7	35	0.4	0	0	0	0	0	0	
Parbhani	75.9	3.3	0	0	0	24	0	0	0	0	0	0	0	
Hingoli	68.5	0.5	0	0	0	46.8	0	0	0	0	0	0	0	
Buldhana	56.5	6.8	1	0	0	3.2	0.7	0	0	0	0	0	0	
Akola	58.3	6.5	3.1	0	0	12.7	0	0	0	0	0	0	0	
Washim	49.3	5.8	3.2	0	0	17.5	0	0	0	0	0	0	0	
Amravati	53.4	0.5	7.6	0	3.7	18.7	0	2	0	0	0	0	0	
Yavatmal	46.9	4.2	3.4	0	6.7	22.7	0	0.5	0	0	0	0	0	
Wardha	42.3	0.3	1.8	0	19.5	15	0	0.6	0	0	0	0	0	
Nagpur	29.7	0	11.7	9	15.5	12.2	0	2.1	0	0	0	0	0	
Chandrapur	61.2	2	7	1.2	23	24.6	6.9	0.1	0	0	0	0	0	
<b>TELANGANA</b>														
Adilabad	36.7	1.6	2.5	0	34.4	16.5	10.6	0	0	0	0	0	0	
Warangal	5.8	0.3	0.3	1.3	23.6	15.8	13.7	0	0	0	0	0	0	
Khammam	37.5	1.1	0.2	6.2	13.2	39.7	10.9	0	0	0	0	0	0	
Karimnagar	13.4	2	0.1	0	53.9	15.6	6.6	0	0	0	0	0	0	
Nalgonda	23.7	0	0.2	0	10.2	15.2	2.2	0	0	0	0	0	0	
Mahabubnagar	12	0.1	0	0	0.4	4	2.1	0	0	0	0	0	0	
<b>AP</b>														
Guntur	46.5	0.1	3	0.8	8.6	18.9	1.7	0	5	0	0	0	0	
Prakasam	6.8	0.2	0.3	0.2	1.2	0.8	4	0	4	8	0	0	0	
<b>KARNATAKA</b>														
Dharwad	25.7	0	0	0	0	0	0	0.5	6.8	6	0	0	0	The crop is in boll formation stage. Irrigation if available may be arranged in regions wherever dry spell persisted for the past 20-30 days. Incidences of mirid bugs, midges thrips and alternria leaf spot were noticed in various parts of the state. Control measures amy be initiated as per recommendations of the 'Cotton health Management Strategies' note available on this web-site. Pink boll worm infestation was above ETL in a few villages. PINK BOLLWORM PHEROMONE TRAPS MAY BE INSTALLED IMMEDIATELY @ 4-5 TRAPS PER HECTARE FOR MONITORING. Control measures amy be initiated as per recommendations of the 'Cotton health Management Strategies' note available on this web-site.
Haveri	7.8	0	0	0	0	0	0.2	6.9	4.2	3.7	1.2	0	0	
Mysore	3.3	0	0	0	0	0	0	0	0	4.2	52.1	7.6	14.7	
<b>TAMILNADU</b>														
Perambalur	34	2.5	0	0	0	0	0	0	0	0	5	6	0	Dry spell prevailed during last week in majority cotton growing areas except Trichy. If not given so far, top dressing with Nitrogen and Potash is recommended. Earthing up

Salem	4.8	0.2	0	0	0	0	0	0	4	8	10	2	4.1	is also to be done. Hand weeding suggested for 45-60 days old crop to maintain weed free condition. Sucking pest occurrence is observed continuously due to weather condition. No incidence of diseases has been noticed. Leaf hopper and whitefly infestation was found to have crossed ETL in a few fields in some villages mainly in susceptible hybrids. Control measures may be initiated as per recommendations of the 'Cotton health Management Strategies' note available on this web-site.
Trichy	33.2	27.6	1.4	1.4	0	0	0	0	2	8	8	3	0	
Virdhunagar	4.7	0	0.1	0	0	0	0	0	3	3	5	6	24.8	

**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](http://nwp.imd.gov.in/bias/dist_fcst.htm)

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