

												control of sucking pests: Acetamiprid 20 EC @ 40g/acre or Buprofezin 25 EC @ 500ml/acre or Diafenthiuron 50 WP @240g/acre or Flonicamid 50 WG @80g/acre. Do not repeat same insecticides as well as same group of insecticides. Avoid tank mixture of two or more insecticides.
ODISHA												
Koraput	0	0	5	0	0	7	15	40	29	56	18	The crop is 125 to 135 days old at boll development and maturity stage. Picking has been started by some farmers in the early sown crop. First picking of cotton and making of cross bunds between two rows of cotton to conserve rain water has been taken up. Regular monitoring for pest and disease incidence and plant protection measures going on. <i>Spodoptera</i> , Spotted bollworm, jassid, 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. Advisory: Farmers are advised to pick cotton on sunny days after 9 AM or when dew dries up from the crop surface. Dry the seed cotton on concrete floor or tarpaulin to reduce the moisture content to below 8%. Spray urea @ 2% (200 g per10 lit water) after first picking for better development of the crop and remaining bolls. Regularly monitor the crop to know about incidence of any pest and diseases. If the population of sucking pests like jassid, whitefly and thrips crosses ETL, spray any one of the following insecticides: Flonicamid 50 WG @ 4g/10 lit of water or Thiamethoxam 25 WG @ 2g/10 lit of water. Spotted bollworms can be controlled by spraying Chlorantraniliprole 18.5 SC@3 ml/10 lit or Indoxacarb 14.5 SC/10 lit of water (20 % plants showing one or more flared up squares). For control of BLB, spray Copper Oxychloride 50 WP @ 25 g + Streptocycline @ 1g per 10 lit of water.
Kalahandi	0	0	0	0	0	7	8	24	36	39	25	
Balangir	0	0	0	0	0	12	15	18	50	41	41	
GUJARAT												
Amreli	0	0	0	2	0	10	20	6	0	0	0	At Junagadh, the crop is 127 days old at flowering and boll opening stages. Thrips, jassids and white fly incidence noticed below ETL. Heavy attack of <i>Coryanepora</i> leaf spot and Bacterial blight recorded. At Surat, the crop is in flowering period. The weather was sunny and clear. Jassid incidence noticed above ETL. Bacterial leaf blight and also Parawilt recorded in some pockets. Advisory: Apply Ammonium sulphate or Urea to soil or spray 13-0-45(N-P-K-) water soluble fertilizer 2% (i.e.200g in 10 lit of water). To manage foliar diseases, spray Metiram55%+Pyraclostrobin 5%WG 20 g or Carbendazim 50%WP @10g/10L water. For BLB management spray Copper oxychloride 25g + Streptocycline 1g in 10 lit water. Spray Thiamethoxam 25 WG 2 g or Flonicamid 50 WG @ 4g/10 lit water at ETL to control sucking pests. Install pheromone traps (5 traps/ha) for the monitoring of pink bollworm. Collect and destroy mealy bug infested twigs if found and spray Profenophos 50% EC @20 gm/10 lit. water. At Surat, farmers are advised to control parawilt by drenching 2% urea + copper oxychloride 50WP @25g/10 litre around the infected and surrounding cotton plants.
Bhavnagar	0	0	0	0	0	8	18	0	0	0	0	
Jamnagar	0	0	0			0	5	0	0	0	0	
Rajkot	0	0	0	0	0	0	6	0	0	0	0	
Broach	0	0	0			0	19	0	0	0	0	
Sabarkantha						0	0	0	0	0	0	
Surendranagar	0	0	0	0	0	0	0	0	0	0	0	
Ahmedabad	0	0	0	0	0	3	7	0	0	0	0	
Baroda	0	0	0	0	0	7	12	0	0	0	0	
Patan						0	0	0	0	0	0	
Mehesana						0	0	0	0	0	0	

MP												
Khargaon	0	0	0		1.4	22	36	9	0	0	0	The crop is 117 to 167 days old at flowering to boll bursting stage. The weather was mostly sunny. Inter cultural practices, application of insecticides and fertilizer application were the operations carried out. No incidence of diseases. Advisory: Install pheromone traps @ 5/ha to monitor pink bollworm.
Dhar	0	0	0	0	0	5	11	0	0	0	0	
Khandwa	0	0	0	0	0	5	14	0	6	0	0	
MAHARASHTRA												
Dhule	0					14	22	4	0	0	0	At Nanded, the crop is 110 to 135 days old at boll development stage. The weather was cloudy and rainy. Plant protection and intercultural operations were taken up. Whitefly infestation was above ETL in some locations. Bacterial blight infestation was observed at few locations. At Wardha <i>Corynespora</i> leaf spots and grey mildew were observed in some fields with moderate to heavy infection. At Nagpur Antracnose leaf blight infection was observed to be low to moderate and is likely to increase with decreasing temperatures. In Khandesh, due to continuous rainfall boll rot incidence may prevail. Advisory: If whitefly crosses ETL, spray Buprofezin 25 % SC 10ml Or Diafenthiuron 50 % WP 12g Or Spiromesifen 22.9% EC 12ml Or Pyroproxifen 10%EC 20 ml per 10 litres of water. Spray Carbendazim @ 10 g per 10 lit for management of foliar fungal diseases. Spray of Streptocycline @ 1g+ copper oxychloride 50WP 25g per 10 lit water recommended for management of Bacterial blight and boll rot. To manage foliar diseases, spray Pyraclostrobin 20%WG @10g or Metiram55%+Pyraclostrobin 5%WG 20 g or Carbendazim 50%WP @10g/10L water. Spray NAA (Planofix) @ 0.5 ml/L water is recommended to check the square dropping in cotton.
Nandurbar	0					10	27	0	0	0	0	
Jalgaon	0	0	2	1.1	3.5	22	22	15	3	0	0	
Ahmednagar	0		8		23.2	38	34	58	29	26	3	
Aurangabad	0	0	3	27	14	0	0	13	81	106	0	
Jalna	0	0			27	29	34	34	4	0	0	
Beed	0	0	25	52		40	36	58	30	26	12	
Nanded	0	0	3	60	31	47	26	28	39	30	114	
Parbhani	0	0	3.7	96	18.4	33	33	58	30	20	22	
Hingoli						24	25	38	25	8	9	
Buldhana	0	0	2	19	2	24	22	14	9	0	0	
Akola	0	0	1.2	9	0	24	18	11	17	0	0	
Washim	0	0	0	4	0	29	21	16	7	0	0	
Amravati	0	0	27.4	8	9	42	19	8	23	7	0	
Yavatmal	0	0	0.2	0	0	22	12	29	21	39	32	
Wardha	0	0	0	3.9	0	32	22	19	16	10	0	
Nagpur	0	0	0.6	8.6	8.6	32	25	16	16	8	0	
Chandrapur	0	0	0	24.3	25	30	12	32	15	54	43	
TELANGANA												
Adilabad	0	7	6.8	4	1.4		7	26	19	32	32	The crop is at boll formation stage. The weather was cloudy and rainy. Draining of water from fields was taken up. Due to continuous rains, weed growth was observed. Incidence of Jassid were noticed above ETL for which spraying of Monocrotophos 36 SL @ 1.6 ml// Acephate 75 SP @ 1.5 g// Fipronil 5 SC @ 2ml// Imidachlopid 17.8 SL @ 0.4 ml// Acetamiprid 20 SC @ 0.2g// Thiamethoxam 25 WG @ 0.2g// Flonicamid 0.3 g// Diafenthiuron @ 1.25g/l was recommended. Root rot and wilt diseases were reported in some areas where continuous and heavy rains occurred. Low to moderate intensity of leaf spots was also observed.
Warangal	3	2	76	17	12		8	13	34	46	30	
Khammam	0	6	0	1	13		18	23	25	22	14	
Karimnagar	0	1.2	8.8	22.8	4		7	27	25	38	45	
Mahabubnagar	8.8	0.2	0.2		7.0		11	30	89	42	52	
AP												
Guntur	1	2.2	52.8			23	23	63	32	37	28	At Nandyal, the crop is 63 to 120 days old at boll maturity stage. The weather was dry with shiny hours. Weeding and intercultivation were taken up. Grassy and broad leaved weeds were noticed. Sucking pests like jassid was noticed above ETL, aphids and whiteflies noticed below ETL. Pink bollworm infestation in flowers recorded below ETL. Mealybug infestation with damage grade I and <i>Alternaria</i> leaf spot was also noticed.
Prakasam	47	21	21.3	65.4	26.6	29	29	48	41	36	42	

												<p>Advisory: Spray Thiamethoxam 25 WG 2 g or Flonicamid 50 WG @ 4g/10 lit water at ETL to control sucking pests. Farmers are advised to fix pheromone traps @ 2/acre and monitor the Pink bollworm infestation. If trap catches crosses ETL, spray Neem oil @ 5 ml or Thiodicarb@ 1.5 g or Profenophos @ 2ml per lit of water. Spray carbendazim 50WP @ 10g or Pyraclostrobin 20WP @10g per 10 litre of water for the management of leaf spots. Soil drenching with 0.3% copper oxychloride 50 WP for root rot affected and surrounding cotton plants.</p>
KARNATAKA												
Dharwad	0	0	10	44	87	48	52	17	89	56	10	<p>At Dharwad and neighbouring districts, the early sown crop is 115 days old at square to boll formation stages. Inter-cultivation, hand weeding and foliar applications of fertilizer were carried out in late sown crops. Rainfall for four days with sunny days during morning hours and moderate to heavy rains during evening hours prevailed during this week in cotton growing areas of all districts. Weed population was checked under control. Thrips and leafhopper incidence were noticed in moderate status. Pink bollworm moths were noticed above ETL. Incidence of Leaf blight diseases was noticed with moderate to severe status.</p> <p>Cotton in Chamarajanagara district is between 57 days to 163 days old. Picking of cotton is in progress. Regarding the population of sucking pests, Aphids (4 to 5/3 leaves), Jassids (3 to 4 /3 leaves) and mirid bugs (10-15 for 25 squares) have been observed. In few fields disease like tobacco streak viruses was observed to an extent of 4 to 5% (PDI). Similarly 15-20% of pink boll worm incidence was also noticed.</p> <p>At Raichur, the early sown crop (120 to 125 days old) enters boll development stage. Late sown crop (90 to 95 days old) is in flowering and boll initiation stages. Weather was generally humid and cloudy. Top dressing of Nitrogen and Potassium were done as per the stages of the crop. Third spray with 1% 19:19:19 and 1% MgSO4 foliar spray was recommended for 75-80 days old crop and third spray with the same combination was recommended wherever leaf reddening was noticed. Sucking pests incidence noticed in all the crops. Mealybugs were noticed in some areas for which Buprofezin (0.1%) was recommended. Mirid bugs were also noticed in some areas and Monocrotophos 2ml/L was recommended. Profenophos (2ml /L) was recommended against pink boll worm for 60-65 days old crop and Lambda-cyhalothrin i (1ml/L) or Thiamethoxam (0.2g/L) were recommended for 90-95 days old crop. Due to excess rainfall, the crop suffered from wilting in places where water stagnation was there. They are advised to take up 0.2% drenching of Carbendezim. Spraying of 1% KNO3 (13:0:45) was also recommended for the crop at boll development stage.</p>
Haveri	0	1				28	30	5	22	27	0	
Mysore	4	3	11	0	0	54	24	11	7	19	13	

												Advisory: Jassid and aphids to be managed by spraying Fonicamid 50 WG @ 4g/10L or Dinotefuran 20 SP @ 3g/10L of water, thrips by spraying Fipronil 5 SC @ 1.0 ml/L of water and mirid bug control by spraying Acephate 75 SP @ 1.0g/L of water. Install pheromone traps @ two per acre in the late sown crops for monitoring of Pink bollworm moths activity. On 10% infested bolls with live larvae of Pink bollworm spray Fenevelerate 20% EC 10 ml Or Cypermethrin 10% EC 10 ml or lamda cyhalothrin 5% EC 10 ml per 10 liter of water. To manage foliar diseases, spray Metiram55%+Pyraclostrobin 5%WG 20 g or Carbendazim 50%WP @10g/10L water. Spray NAA (Planofix) @ 0.5 ml/L water is recommended to check the square dropping in cotton.
TAMIL NADU												
Perambalur	21					16	37	23	6	3	32	At Srivilliputhur, the crop is 60 to 75 days old at boll formation stage. The weather during the reporting period was moderately cool. Spotted boll worm and sucking pests noticed below ETL. Stem weevil and root rot complex were recorded. Advisory: Irrigation may be stopped as rainfall is expected along with the moderately cool climate. Earthing up should be carried out. If stem weevil and root rot complex occurs, drenching of Chloropyriphos at 2.5 ml / lit and Carbendazim at 1 g/ lit of water respectively may be carried out.
Salem	13	2	0.8	0	2	40	50	30	13	13	23	
Trichy						132	47	23	9	9	32	
Virudhunagar	14					37	32	30	6	15	19	

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>