





**XXX Weekly Advisory for Cotton Cultivation from 12<sup>th</sup> to 18<sup>th</sup> December, 2023**

PUNJAB		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		December					December				
		08	09	10	11	12	14	15	16	17	18
	Firozpur						0	0	0	0	0
	Faridkot	0	0	0	0	0	0	0	0	0	0
	Muktsar	0	0	0	0	0	0	0	0	0	0
	Bhatinda	0	0	0	0	0	0	0	0	0	0
	Sangrur	0	0	0	0	0	0	0	0	0	0
	Ludhiana	0	0	0	0	0	0	0	0	0	0
Amount of rainfall & colour Code		0.1 to 2.4 mm		2.5 to 15.5 mm		15.6 to 64.4 mm		64.5 to 115.5 mm		115.6 to 204.4	
Rainfall category		Very light rainfall		Light rainfall		Moderate rainfall		Heavy rainfall		Very heavy rainfall	
<b>Crop Condition:</b> At Bathinda and Faridkot, picking is completed in all the fields.											
<b>Advisory:</b> Farmers are advised to destroy the infested crop residues by uprooting the cotton stalks and turning them into the soil using shredder.											

HARYANA		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		December					December				
		08	09	10	11	12	14	15	16	17	18
	Hisar	0	0	0	0	0	0	0	0	0	0
	Jind	0	0	0	0	0	0	0	0	0	0
	Sirsa	0	0	0	0	0	0	0	0	0	0
	Rohtak	0	0	0	0	0	0	0	0	0	0
Amount of rainfall & colour Code		0.1 to 2.4 mm		2.5 to 15.5 mm		15.6 to 64.4 mm		64.5 to 115.5 mm		115.6 to 204.4	
Rainfall category		Very light rainfall		Light rainfall		Moderate rainfall		Heavy rainfall		Very heavy rainfall	
<b>Crop condition:</b> At Hisar and Sirsa, picking is over in all the fields.											
<b>Advisory:</b> Farmers are advised to destroy the infested crop residues by uprooting the cotton stalks and turning them into the soil using shredder.											

RAJASTHAN		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		December					December				
		08	09	10	11	12	14	15	16	17	18
	Ajmer	0	0	0	0	0	0	0	0	0	0
	Jodhpur	0	0	0	0	0	0	0	0	0	0
	Nagaur	0	0	0	0	0	0	0	0	0	0
	Pali	0	0	0	0	0	0	0	0	0	0
	Sri Ganganagar	0	0	0	0	0	0	0	0	0	0
Amount of rainfall & colour Code		0.1 to 2.4 mm		2.5 to 15.5 mm		15.6 to 64.4 mm		64.5 to 115.5 mm		115.6 to 204.4	
Rainfall category		Very light rainfall		Light rainfall		Moderate rainfall		Heavy rainfall		Very heavy rainfall	
<b>Crop condition:</b> In Southern Rajasthan (Banswara, Bhilwara, Chittorgarh, Dungarpur, Pratapgarh, Rajsamand and Udaipur) and Sriganganagar and Hanumangarh, picking is completed.											
<b>Advisory:</b> Farmers are advised to destroy the infested crop residues by uprooting the cotton stalks and turning them into the soil using shredder.											

ODISHA		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		December					December				
		08	09	10	11	12	14	15	16	17	18
	Koraput	0	0	0	0	0	0	0	0	0	0
	Kalahandi	0	0	0	0	0	0	0	0	0	0
	Balangir	0.9	0	0	0	0	0	0	0	0	0
Amount of rainfall & colour Code		0.1 to 2.4 mm		2.5 to 15.5 mm		15.6 to 64.4 mm		64.5 to 115.5 mm		115.6 to 204.4	
Rainfall category		Very light rainfall		Light rainfall		Moderate rainfall		Heavy rainfall		Very heavy rainfall	
<b>Crop condition:</b>											
At Odisha, the crop is at final harvesting stage. Picking is in progress. Final picking will be completed by 10-15 days. Recent incidence of pink bollworm has been reported from many parts of the state (1-2% green boll damage) which is below ETL. Incidence of grey mildew reported from all cotton growing districts and bacterial leaf blight from many fields.											
<b>Advisory:</b>											
Farmers are advised to start pick only completely burst bolls during dry weather. Dry the seed cotton on concrete floor or tarpaulin sheets to reduce the moisture almost 8-10%. Store the seed cotton obtained from the first picking separately and try to sell the seed cotton in the nearby "Mandies" to get better price. Collect and destroy the damaged bolls and plants due to pest and diseases. If final picking is over, remove all the cotton plants from the field to reduce the multiplication of pink boll worm. Cotton plants can be used for making compost by cutting into small pieces and burying in the compost pits.											

GUJARAT		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		December					December				
		08	09	10	11	12	14	15	16	17	18
	Amreli	0	0	0	0	0	0	0	0	0	0
	Bhavnagar	0	0	0	0	0	0	0	0	0	0
	Jamnagar	0	0	0	0	0	0	0	0	0	0
	Rajkot	0	0	0	0	0	0	0	0	0	0
	Junagadh	0	0	0	0	0	0	0	0	0	0
	Sabarkantha						0	0	0	0	0
	Surendranagar	0	0	0	0	0	0	0	0	0	0
	Ahmedabad	0	0	0	0	0	0	0	0	0	0
	Baroda	0	0	0	0	0	0	0	0	0	0
	Patan	0	0	0	0	0	0	0	0	0	0
	Mehesana						0	0	0	0	0
Amount of rainfall & colour Code		0.1 to 2.4 mm		2.5 to 15.5 mm		15.6 to 64.4 mm		64.5 to 115.5 mm		115.6 to 204.4	
Rainfall category		Very light rainfall		Light rainfall		Moderate rainfall		Heavy rainfall		Very heavy rainfall	
<b>Crop condition:</b>											
At Surat, the sown crop is at boll bursting and picking stages. Picking is in progress. Aphids and pink bollworm population have crossed ETL in some fields. Leaf reddening was noticed in medium to high status and boll rot in low to medium status.											
At Junagadh, the sown crop is at boll development and boll opening stage. Picking is in progress. Heavy attack of pink bollworm has been recorded in many places. Incidence of grey mildew and <i>Alternaria</i> leaf blight were recorded in most of the fields.											
<b>Advisory:</b>											
At Surat, farmers are advised to pick cotton when the seed cotton is dry without dew. Separate infested and healthy seed cotton to get better prices. Spray Flonicamid 50 WG @4g or Dinotefuran 20SG @ 3g or Imidacloprid 17.8SL @ 3ml or Buprofezin 25 SC @20ml/10 litres of water on crossing ETL by sucking pests. If pink bollworm crossed ETL (10% damage to fruiting bodies or 8 moths per trap per night for consecutive 3 days) and plants bear 8-10 bolls per plant, spray Cypermethrin 10%EC @ 10-15ml Or Cypermethrin 25%EC @4-6ml Or Lambda cyhalothrin 5%EC @10ml Or Deltamethrin 2.8EC@10ml Or Fenpropathrin 10%EC @15-20ml or Fenvalerate 20EC @10ml Or Alphacypermethrin 10% EC @6ml per 10litres of water wherever pink bollworm crosses ETL (10% damage to green bolls). To manage leaf reddening in <i>Bt</i> cotton, spray Magnesium sulphate @1% + Urea 1% twice at 15 days interval during full bloom and boll development stages. Apply spray of Copper oxychloride 50 WP/WG @ 25-30 g/10 litres of water to manage bacterial leaf blight disease. To manage fungal foliar disease, boll rot disease complex and <i>Corynespora</i> leaf spots, spray Carbendazim 12%+Mancozeb 63% WP @30 g or Propiconazole 25 EC @10 ml or Carbendazim 50 WP@4 g or Fluxapyroxad 167 g/l + Pyraclostrobin 333 g/l SC@6 ml or Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC @10 ml or											



	Akola	0	0	0	0	0	0	0	0	0	0
	Washim	0	0	0	0	0	0	0	0	0	0
	Amravati	1.2	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	0.2	0	0	0	0	0	0	0	0	0
	Chandrapur	0	0	0	0	0	0	0	0	0	0

Amount of rainfall & colour Code	0.1 to 2.4 mm	2.5 to 15.5 mm	15.6 to 64.4 mm	64.5 to 115.5 mm	115.6 to 204.4
Rainfall category	Very light rainfall	Light rainfall	Moderate rainfall	Heavy rainfall	Very heavy rainfall

#### Crop condition:

At Akola, the crop is at boll bursting and picking stage. Picking is in progress. Heavy infestation of pink bollworm was noticed above ETL i.e. up to 25-30 % on non *Bt* and *Bt* hybrids. Leaf spots recorded in some fields.

At Nanded, the crop is at picking stage. Incidence of aphids and whitefly infestation were noticed. Grey mildew was spotted in few fields. Picking is in progress.


At Rahuri, the crop is at boll bursting to picking stage. Second and third picking is in progress. Thrips, aphids and whitefly incidence recorded below ETL while jassids and pink bollworm infestation were noticed above ETL in some fields.

#### Advisory:

At Akola, farmers are advised to complete picking of cotton the end of December to avoid PBW attack in next season. If pink bollworm incidence crosses ETL(10% damage to fruiting bodies or 8 moths per trap per night for consecutive 3 days) and plants having 8-10 green bolls per plant, spray Cypermethrin 10%EC @10-15ml Or Cypermethrin 25%EC @4-6ml Or Lambda cyhalothrin 5%EC @10ml Or Deltamethrin 2.8EC @10ml Or Fenprothrin 10%EC@15-20ml or Fenvalerate 20EC @ 10ml Or Alphacypermethrin 10% EC @ 6ml/10 litres of water. To manage leaf spots and grey mildew, spray Carbendazim 12%+ Mancozeb 63% WP@30g or Kresoxim methyl 44.3 SC@10 ml or Azoxystrobin 18.2% w/w + Difenconazole 11.4% w/w SC @10 ml in 10 litres of water. Collect and destroy diseased bolls and crop debris from the fields. Keep the picked cotton variety wise. After harvest of early *Bt* cotton varieties, take up rabi crop of either Chickpea or wheat if irrigation facility is available to reap more monetary benefit.

At Nanded, farmers are advised to pick cotton at the earliest possible. Dry seed cotton before storing it. Wet cotton should not be picked. Store picking wise seed cotton separately. If sucking pest infestation crosses ETL, spray Acetamiprid 20SP @ 2g or Flonicamid 50WG @ 4g Or Dinotefuran 20SG @ 3g Or Imidacloprid 17.8SL@ 3ml/10litres of water. Spray Kresoxim-methyl 44.3%SC@10 ml or Azoxystrobin 18.2%w/w + Difenconazole 11.4%w/w SC @10 ml or Carbendazim 12%+ Mancozeb 63% WP@ 30g/10 litres of water to manage grey mildew disease in cotton. Pick only fully opened bolls and store at clean dry place. Store picked cotton of different hybrids separately. Dry cotton in shade prior to storing them. Do not apply Nitrogen at picking stage. Terminate crop at end of December month. Collect and destroy diseased bolls and crop debris from the fields.

At Rahuri, farmers those who have not completed picking are advised to go for clean picking of fully opened cotton bolls. Pick non infested and pink bollworm infested cotton separately to get good price in the market. Do not apply Nitrogen at picking stage. On crossing ETL by sucking pests, spray Thiamethoxam 25 WG @ 2g or Dinotefuran 20% SG @ 3g or Flonicamid 50 WG @ 4g or Diafenthiuron 50 WP @12g or Buprofezin 25SC @20ml/10litres of water. If incidence of pink bollworm crosses ETL, spray Cypermethrin 10% EC @10-15ml Or Cypermethrin 25% EC @4-6ml Or Lambda cyhalothrin 5%EC @10ml Or Deltamethrin 2.8 EC @10ml Or Fenprothrin 10%EC @15-20ml or Fenvalerate 20EC@10ml Or Alphacypermethrin 10%EC @6ml/10 litres of water. Spray Kresoxim-methyl 44.3% SC @10 ml or Azoxystrobin 18.2% w/w + Difenconazole 11.4% w/w SC @10 ml or Carbendazim 12%+ Mancozeb 63%WP@30g/10 litres of water to manage grey mildew and leaf spot disease in cotton. Give foliar spray of Carbendazim 12%+ Mancozeb 63% WP@30g or Carbendazim 50WP @4g or Propiconazole 25 EC@10ml or Metiram 55%+Pyraclostrobin5% WG @20g or Azoxystrobin 18.2%w/w + Difenconazole 11.4%w/wSC @10 ml or Fluxapyroxad 167 g/l +Pyraclostrobin 333 g/l SC @ 6 ml mixed in 10 litres of water to manage boll rot disease complex and leaf spots. Spray Kresoxim-methyl 44.3%SC@10 ml or Azoxystrobin 18.2%w/w + Difenconazole 11.4%w/w SC @10 ml or Carbendazim 12%+ Mancozeb 63% WP@ 30g/10 litres of water to manage grey mildew disease in cotton. Collect and destroy diseased bolls and crop debris from the fields.

TELANGANA		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		December					December				
		08	09	10	11	12	14	15	16	17	18
	Adilabad	0	0	0	0	0	0	0	0	0	0
	Warangal	0	0	0	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	0
Amount of rainfall & colour Code		0.1 to 2.4 mm		2.5 to 15.5 mm		15.6 to 64.4 mm		64.5 to 115.5 mm		115.6 to 204.4	
Rainfall category		Very light rainfall		Light rainfall		Moderate rainfall		Heavy rainfall		Very heavy rainfall	


**Crop Condition:**

At Warangal, final picking is over.

At Adilabad, the sown crop is at boll bursting stage. Aphid incidence was above ETL while low to moderate incidence of whitefly noticed in most of the fields. Incidence of pink bollworm was recorded above ETL.

**Advisory:**

At Adilabad, farmers are advised to spray Magnesium sulphate @10g per litre of water twice in 10 days interval to correct the deficiency in the sown crop. Spray Flonicamid 50WG @ 4g or Dinotefuran 20SG@ 3g or Imidacloprid 17.8SL @ 3ml or Diafenthiuron @ 12.5g/10 litres of water against sucking pests. If incidence of pink bollworm crosses ETL(10% damage to fruiting bodies), spray Cypermethrin 10%EC@10-15ml or Cypermethrin 25%EC@4-6ml or Lambda cyhalothrin 5%EC @10ml or Deltamethrin 2.8EC@10ml or Fenpropathrin 10%EC @15-20ml or Fenvalerate 20 EC @10ml or Alphacypermethrin 10%EC @6ml/10 litres of water. Spray Kresoxim-methyl 44.3%SC @ 10 ml or Azoxystrobin 18.2% w/w + Difenconazole 11.4% w/w SC@10 ml or Carbendazim 12%+ Mancozeb 63% WP @30g/10 litres of water to manage grey mildew and leaf spot disease in cotton. Spray 13-0-45 @ 10g per litres of water every 10 days interval to improve the boll size and arrest boll drop problem. Incorporate cotton stubbles in the soil to break the PBW life cycle. Do not extend the crop by giving irrigation and fertilizers. Collect and destroy diseased bolls and crop debris from the fields.

ANDHRA PRADESH		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		December					December				
		08	09	10	11	12	14	15	16	17	18
	Guntur	0	0	0	0	0	1	1	0	0	0
	Prakasam	0	0	0	0	0	1	3	0	0	0
Amount of rainfall & colour Code		0.1 to 2.4 mm		2.5 to 15.5 mm		15.6 to 64.4 mm		64.5 to 115.5 mm		115.6 to 204.4	
Rainfall category		Very light rainfall		Light rainfall		Moderate rainfall		Heavy rainfall		Very heavy rainfall	

**Crop Condition:**


At Guntur, the sown crop is at boll formation to boll bursting stage. Picking is in progress. Jassid and aphids incidence observed in some fields. Pink bollworm was also noticed below ETL.

At Nandyal, final picking is in progress.

**Advisory:**

At Guntur, farmers are advised to spray Flonicamid 50WG @ 80g/acre or Diafenthiuron 50WP @ 250g/acre or Imidacloprid17.8SL@ 60ml/acre or Acetamiprid 20%SP @ 40g/acre or Thiamethoxam 25%WG @ 40g/acre against sucking pests. Wherever, pink bollworm has crossed ETL (10% damage to fruiting bodies), spray Cypermethrin 10%EC@10-15ml or Cypermethrin 25%EC@4-6ml or Lambda cyhalothrin 5%EC @10ml or Deltamethrin 2.8EC@10ml or Fenpropathrin 10%EC @15-20ml or Fenvalerate 20 EC @10ml or Alphacypermethrin 10%EC @6ml/10 litres of water. If Alternaria leaf spot and stem blight incidence is noticed, spray Carbendazim12%+ Mancozeb 63% WP@ 30g or Carbendazim 50WP @4g or Propiconazole 25EC @10 ml or Metiram 55%+ Pyraclostrobin 5%WG @ 20g or Azoxystrobin 18.2% w/w + Difenconazole 11.4% w/w SC @10 ml or Fluxapyroxad 167 g/l+ Pyraclostrobin 333 g/ISC @ 6 ml mixed in 10 litres of water. Spray Kresoxim-methyl 44.3% SC @10 ml or Azoxystrobin 18.2% w/w +Difenconazole 11.4% w/w SC @10 ml or Carbendazim 12%+ Mancozeb 63% WP@ 30g/10 litres of water to manage grey mildew or brown leaf spot and other leaf spot diseases in cotton. Collect and destroy diseased bolls and crop debris from the fields.#

At Nandyal, farmers are advised to pick the cotton and store kapas separately. Terminate the crop immediately to avoid pink bollworm flare up and allow cattle and goats for grazing of stubbles left in the field. Shred the stubbles with shredder and do not store the cotton stalk at home. Collect and destroy diseased bolls and crop debris from the fields.

KARNATAKA		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		December					December				
		08	09	10	11	12	14	15	16	17	18
	Dharwad	0	0	0	0	0	0	0	0	0	0
	Haveri	0	0	0	0	0	0	0	0	0	0
	Mysore	0	0	0	0	0	0	0	0	0	1
Amount of rainfall & colour Code		0.1 to 2.4 mm		2.5 to 15.5 mm		15.6 to 64.4 mm		64.5 to 115.5 mm		115.6 to 204.4	
Rainfall category		Very light rainfall		Light rainfall		Moderate rainfall		Heavy rainfall		Very heavy rainfall	

#### Crop Condition:

At Dharwad, the sown cotton is at boll formation/ boll development stage. Jassid and aphids were in moderate status and mirid bugs in low to moderate status. Pink bollworm infestation noticed above ETL in all districts. *Alternaria* leaf blight and grey mildew were also noticed in moderate status#


At Raichur, the crop is at bursting stages based on the dates sown. First and second picking is in progress as per the dates sown. Pink bollworm attack was recorded in very late sown crop.

At Chamarajanagar, picking is completed.

#### Advisory:

At Dharwad, farmers are advised to spray Flonicamid 50WG @ 80g/acre or Diafenthiuron 50WP @ 250g/acre or Imidacloprid 17.8SL @ 60ml/acre or Thiamethoxam 25%WG @ 40g/acre against sucking pests if their population crosses ETL. Wherever, pink bollworm crossed ETL(10% damage to fruiting bodies), spray Cypermethrin 10%EC@10-15ml or Cypermethrin 25%EC@4-6ml or Lambda cyhalothrin 5%EC @10ml or Deltamethrin 2.8EC@10ml or Fenpropathrin 10%EC @15-20ml or Fenvalerate 20 EC @10ml or Alphacypermethrin 10%EC @6ml/10 litres of water. Foliar spray of Carbendazim 12%+ Mancozeb 63% WP@30 g or Carbendazim 50WP @4 g or Kresoxim methyl 44.3 SC@10 ml or Propineb 70 WP@ 25 g or Propiconazole 25 EC@ 10 ml or Metiram 55%+Pyraclostrobin 5% WG @20 g or Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC @10 ml or Fluxapyroxad 167 g/l +Pyraclostrobin 333 g/l SC @ 6 ml mixed in 10 litres of water for the management of grey mildew, *Alternaria* leaf blight and leaf spots. Collect and destroy diseased bolls and crop debris from the fields.

At Raichur, farmers are advised to take up weeding and inter-cultivation operations for very late sown on priority to avoid cracking in black soils as there are no rains received during this week. Very late sown crop is recommended with micronutrient foliar spray @ 4 grams/ 4 ml in 1 litre of water. If incidence of pink bollworm crosses ETL(10% damage to fruiting bodies), spray Cypermethrin 10%EC@10-15ml or Cypermethrin 25%EC@4-6ml or Lambda cyhalothrin 5%EC @10ml or Deltamethrin 2.8EC@10ml or Fenpropathrin 10%EC @15-20ml or Fenvalerate 20 EC @10ml or Alphacypermethrin 10%EC @6ml/10 litres of water. Give foliar spray 13-0-45 (Potassium nitrate) @ 10 grams for very late sown crop for good boll size and Carbendazim 12%+ Mancozeb 63% WP@30 g or Carbendazim 50WP @4 g or Kresoxim methyl 44.3 SC@10 ml or Propineb 70 WP@ 25 g or Propiconazole 25 EC@ 10 ml or Metiram 55%+Pyraclostrobin 5% WG @20 g or Azoxystrobin 18.2% w/w + Difenoconazole 11.4% w/w SC @10 ml or Fluxapyroxad 167 g/l +Pyraclostrobin 333 g/l SC @ 6 ml mixed in 10 litres of water for the management of grey mildew, *Alternaria* leaf blight and leaf spots. Collect and destroy diseased bolls and crop debris from the fields.

TAMIL NADU		Actual Rainfall in last week(mm)					Predicted Rainfall in next week (mm)				
		December					December				
		08	09	10	11	12	14	15	16	17	18
	Perambalur	0	0	1.6	0	0	2	3	2	3	3
	Salem	0	0	3	0	0	2	0	0	3	2
	Trichy						0	0	0	3	2
	Virudhunagar	0	1	0	23.5	0	11	0	2	5	13
Amount of rainfall & colour Code		0.1 to 2.4 mm		2.5 to 15.5 mm		15.6 to 64.4 mm		64.5 to 115.5 mm		115.6 to 204.4	
Rainfall category		Very light rainfall		Light rainfall		Moderate rainfall		Heavy rainfall		Very heavy rainfall	

#### Crop Condition:

At Coimbatore and surrounding areas, the crop is in boll maturity stage. Picking has started in early sown fields wherein matured fully burst bolls were harvested. Pink bollworm incidence was noticed in few fields. *Alternaria* blight, bacterial blight, grey mildew,

boll rot and TSV were recorded in the cotton fields.

At Srivilliputhur in and around fields, the sown cotton is at boll development stage. Incidence of jassids were noticed in some cotton fields. Stem weevil and root rot complex were prevalent in few areas. Bacterial leaf blight and grey mildew were recorded in some areas.

**Advisory:**

At Coimbatore, farmers are advised to harvest the fully burst bolls and sort out the good quality bolls. Store stained, discoloured and insect attacked bolls separately. Remove *Parthenium* weeds from the field. Wherever, pink bollworm has crossed ETL, spray Profenophos 50EC @ 600 ml/acre or Chlorpyrifos 20EC @ 500ml or Quinalphos 20AF@ 400ml/acre or Emamectin benzoate 5 SG@100 g/acre or Indoxacarb 14.5 SC @ 200ml/acre. Spray Carbendazim 50 WP @ 0.04% or Carbendazim 12%+Mancozeb 63% WP@0.3% or Kresoxim methyl 44.3 SC @ 0.1% or Propineb 70 WP @ 0.25 % or Propiconazole 25EC @0.1% or Metiram 55%+Pyraclostrobin 5% WG @ 0.2% or Azoxystrobin 18.2% w/w + Difenconazole11.4%w/w SC @ 0.1% or Fluxapyroxad 167 g/l + Pyraclostrobin 333 g/l SC @ 0.6% to manage *Alternaria* leaf blight and boll rot disease complex. Apply foliar spray of Copper oxychloride 50WP/WG@ 30 g/10 litres of water to manage bacterial blight in cotton. Spot drench with Carbendazim 50 WP@12g/10 litres of water to early symptomatic root rot affected and surrounding plants. Spray Kresoxim-methyl 44.3% SC @10 ml or Azoxystrobin 18.2% w/w +Difenconazole 11.4% w/w SC @ 10 ml or Carbendazim 12%+ Mancozeb 63% WP@ 30g/10 litres of water to manage grey mildew disease. Collect and destroy diseased bolls and crop debris from the fields.

At Srivilliputhur, farmers are advised to stop irrigation and provide adequate drainage facility as medium rain fall is expected in forthcoming days. Wherever growth of cotton is not sufficient, spray Cotton plus @ 6.25kg/ha. Spray Flonicamid 50WG@ 80g/acre or Diafenthiuron 50WP@ 250g/acre or Imidacloprid17.8SL@ 60ml/acre or Thiamethoxam 25%WG @ 40g/acre against sucking pests if their population reaches ETL. Wherever, pink bollworm crosses ETL, spray Profenophos 50EC @ 600 ml/acre or Chlorpyrifos 20EC @ 500ml or Quinalphos 20AF@ 400ml/acre or Emamectin benzoate 5SG @ 100g/acre, Indoxacarb 14.5SC@ 200ml/acre. Spray Carbendazim 50 WP@ 0.04% or Carbendazim 12%+Mancozeb 63% WP@ 0.3% or Kresoxim methyl 44.3SC@ 0.1% or Propineb 70WP@ 0.25% or Propiconazole 25EC@ 0.1% or Metiram 55%+ Pyraclostrobin 5%WG@ 0.2% or Azoxystrobin 18.2% w/w + Difenconazole11.4%w/w SC @ 0.1% or Fluxapyroxad 167g/l + Pyraclostrobin 333 g/l SC @ 0.6% to manage *Alternaria* leaf blight and grey mildew disease. Spot drench with Carbendazim 50WP @ 12g/10 litres of water to early symptomatic root rot affected and surrounding plants. Apply foliar spray of Copper oxychloride 50WP/WG@ 30 g/10 litres of water to manage bacterial blight in cotton. Collect and destroy diseased bolls and crop debris from the fields.

Detailed information regarding cotton production technology, e.g. selection of soil, varieties, fertilizer application, sowing methods, irrigation systems, management of weeds, insect pests and diseases, etc. can be availed from an android based **CICR Cotton App** developed by ICARCICR, Nagpur. The app can be downloaded free of cost from Google play store. Additionally, the crop growth stage specific and weather based weekly advisory are uploaded on the website of ICAR-CICR also to be consulted for the benefit of farmers.