ICAR-Central Institute for Cotton Research, Nagpur XI Weekly Advisory for Cotton Cultivation from 14th to 20th July '2020

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Date	09	10	11	12	13	14	15	16	17	18	19	20	
PUNJAB													
Firozpur	0 0 0 0 42 48 0 2								3	2	19	14	At Faridkot, the crop is 67 to 70 days old and has reached peak
Faridkot	0	0	0						2	3	21	8	vegetative growth along with flower initiation stage in timely sown
Muktsar								0	0 1 2 9 15 0 3 5 11 8			15	crop. Mechanical/manual intercultural operations and fertilizer
Bhatinda	0	0	4	16	16	0		0				8	application has been taken up. One spray for sucking pest control at few locations has been given. There is no serious problem of weed
Sangrur								0	2	6	21	10	infestation as regular intercultural operations have been carried out.
Ludhiana	27	24	9	28	0	0		1	3	6	15	14	Thrips incidence was above ETL on cotton, so Profenophos 50 EC @ 500ml/acre was sprayed. Whitefly noticed below ETL (2-4/leaf). Leafhopper incidence was moderate (2-4/leaf). Para wilt was observed at few places due to heavy rainfall. Farmers were advised to spray Cobalt chloride @ 1g/100 lit of water on the affected plants only. At Bhatinda, the crop is 40 to 60 days old at vegetative to flowering
													stage. Second split of nitrogen fertilizer application is being applied. Weeds like <i>Cyperus</i> sp., <i>Digera arvensis</i> and <i>Trianthema monogyna</i> have infested the fields. Hoeing and weeding are in progress Whitefly population varied from 2 to 12 per three leaves. Leafhoppers from 0 to 4 per three leaves and thrips 4 to 25 per three leaves. Problem of Para wilt after rainfall/irrigation was observed in cotton fields Advisory: At Faridkot, farmers are advised to apply second dose of Nitrogen @ 45 kg Urea/ acre and also to make suitable arrangements for drainage

HARYANA													weed infestation under wet condition, farmers are advised to spray 500 ml Gramoxone 24 SL (Paraquat) in 100 liters of water (6-8 weeks after sowing when the crop is about 40-45 cm in height) as a directed spray to control weeds between the crop rows. The directed spray can be done by using a protective hood. Paraquat is non-selective herbicide and can cause injury to the crop if it falls on the crop leaves. If the incidence of thrips increases, spray Profenophos 50 EC @ 500ml/acre. In case incidence is severe, spray Diafenthiuron 50 WP @ 200g/acre or Spinetoram 11.7 SC @170 ml per acre. Spray Achook or Nimbecidine @ 1 liter per acre if the whitefly population increases to 4-5/leaf. If whitefly attack increases beyond ETL, then spray Diafenthiuron 50WP @200g/acre or Ethion 50 EC @ 800ml/acre. If both whitefly and leafhopper incidence increases, then spray Flonicamid 50 WG @80 g or Dinotefuran 20%SG 60g/acre. Farmers are advised to be vigilant about the increase in insect pests during next fortnight as the maximum relative humidity level has already increased. After heavy rains or irrigation, some plants might show wilting due to Para wilt which can be checked by spraying Cobalt chloride @ 1g/100 lit of water on the affected plants at the initial stage of wilt. At Bhatinda, overall crop stand is good. If whitefly population reaches above ETL, farmers are recommended to spray the fields with Nimbecidine @ 1 litre per acre. Farmers are advised to apply second split of Nitrogen where flowering has started. In case of heavy rainfall, farmers are advised to drain out the excessive water from cotton fields. Problem of para wilt was observed in some cotton fields after rainfall/ irrigation. So, farmers are advised to spray Cobalt chloride solution @ 1g/100 lit of water within 24 to 36 hours of appearance of symptoms on the affected plants
	5	0	Λ	20	6	0		0	<u> </u>	1	52	22	At Higgs the ones is 0 to 14 supplies all at supplies to
Hisar	5	0	0	28	6	0		0	2	4	53	32	At Hisar, the crop is 9 to 14 weeks old at vegetative to square/flowering stage. The weather was either clear/cloudy/rainy.
Jind	1		1	Ī	Ī	1	1	0	2	4		\sim 4	PRINCIPALLIANDATING CINGS INC. WASTING WING AITHOU CLOSE/CIONAW/TOINU

Sirsa							0	0	0	7	42	Irrigation, second split dose of fertilizer application and hoeing wer
Rohtak	0.	0	0	0	9	0	0	2	4	5	15	the operations carried out during the reporting period. Weeds lik motha, santhi, crowfoot grass, shama and hirankhuri have infeste the fields. Farmers were advised to do mechanical hoeing after ever flush of rain or applying irrigation. Second split dose of Nitrogenot fertilizer @ half bag urea per acre needs to be given. Several field were noticed for thrips and leafhoppers above ETL Farmers were advised to spray spray of Thiamethoxam 25WG @ 40 g of Imidacloprid 17.8 SL @ 40 ml for thrips and leafhopper control wir 150-175 lit of water per acre. The activity of pink bollworm was noticed in installed traps in the villages namely, Karsindhu (Jine and Baldhan Khurd (Rewari). Farmers were advised to monitor problems bollworm population through pheromone traps and flower/bot infestation in the villages of Uchana block (Jind). Locust swarm entered in Keshpura and Umedpura villages in Sirsa district are caused damage in cotton. The swarm was controlled by the efforts of district administration and farmers were also advised to be vigilar for further invasion of locust swarm and inform the State Agricultur Department immediately. Root rot and cotton leaf curl virus disease were observed in few farmers' fields. Farmers were advised to despot application of Carbendazim 50% WP@ 2.0 g per lit of water is root rot affected patches and manage whitefly attack. At Sirsa, the crop is 9 to 11 weeks old at vegetative and squar formation stage. Weeding is in progress. Whitefly population recorded between 7-10, thrips 7-13/3 leaves at all the locations ar leafhoppers (0-2/3leaves) were in traces. Root rot and para with incidence observed at few locations
												Advisory: At Hisar, farmers are advised to irrigate crops which are more than weeks old and sufficient rainfall yet to receive. Excess water show be drained out after the rainfall. Mechanical hoeing needs to be donafter every flush of rainfall or irrigation. Split dose of Nitrogenou fertilizer @ half bag of urea per acre is to be given. Farmers as

RAJASTHAN												advised to monitor the population of sucking pests on 10 randomly plants (3 leaves/Plants) and pink bollworm through pheromone traps (2 traps/acre) and fruiting bodies (20 flowers or bolls/acre). Farmers were also advised to be vigilant towards the invasion of locust swarm in the cotton growing districts sharing boundaries with Rajasthan and inform the State Agriculture Department immediately. For root rot disease, spot application of Carbendazim 50% WP@ 2.0 g per litre of water or <i>Trichoderma harzianum</i> or <i>T. viridae</i> @10 g/ litre of water is suggested. At Sirsa, as the sucking pests are below ETL, farmers are advised not to apply any intervention at this stage. If the population of sucking pests is above ETL (whitefly 6 adults, thrips 10-20 nymphs and adults and Leafhopper 2 nymphs/leaf), spray Nimbicidene @1.0 litre/acre in 200 lit of water. In case of rains, farmers are advised to drain out excess water from cotton fields. Farmers are advised to apply first application of nitrogenous fertilizers.
Ajmer	0	0	0	0	0	0	2	0	2	56	12	In southern Rajasthan (Banswara, Dunarpur, Pratapgarh, Udaipur,
Jodhpur	0	0	0	1	0	0	1	0	0	3	0	Rajsamand, Chittorgargh, Bhilwara etc), the crop sown is 14 days.
Nagaur							0	0	0	23	5	No weed infestation. No incidence of pests and diseases.
Pali	0	0		0	3	4	6	13	5	11	9	At Sriganganagar, the crop is 55 to 85 days old at vegetative and

Sri Ganganagar	0	0	0	1	42	0	0	0	1	2	47	square formative stages. Need based irrigation applied, weed hoeing to clean the crop, first recommended dose of fertilizer (Urea) also applied during the reporting period. Weeds like Itsit (<i>Trianthema spp.</i>), Tandla (<i>Digera arvensis</i>), Motha (<i>Cyperus rotundus</i>) have infested the crop. Leafhoppers noticed below ETL (1.67-6.33/3 leaves), Whitefly from (13.67-20.33/3leaves) and thrips population observed ranging from 18.67-24.33/3 leaves. **Advisory:** In southern Rajasthan, farmers are advised to make proper drainage system in their fields looking to forecast of rains. Still crop is free from insect pests and diseases. Farmers are also advised to be careful from the attack of locust swarm in their areas. Spray neem-based formulation 5ml/ lit of water on standing crop as feeding deterrent. Farmers should make loud sound by beating tin/metal plates, drums, loud speaker, DJ and other electric sound to prevent locust swarm landing in the field. At Sriganganagar, farmers are advised to remove weed infestation manually or by weedicide spray. Neem based insecticides @ 5ml/lit. of water are to be sprayed for sucking pests control. Spray Flonicamid 50 WG @ 0.3g or Thiamethoxam 25 WG @ 0.5g /lit. of water for whitefly and leafhopper attack if cross ETL. Spray of Spinetoram 11.7 SC @0.9 ml or Thiamethoxam 25 WG @ 0.5g /lit. of water for thrips is also recommended.
ODISHA		0		0	0.1		10			1.6	1.0	
Koraput	0	0	0	0	21	1	13	5	2	16	10	The crop is 17 to 24 days old at germination to seedling stage The
Kalahandi	1	0	6	5	5	0	11	8	11	7	12	weather was hot and humid. Sowing of cotton has been completed in all the districts. Weeding, first top dressing and earthing up is
Balangir	0	0	0	0	21	28	15	2	9	0	1	going on in the early sown crops. All the three types of weeds i,e. grasses, sedges and broad leaf weeds have infested the fields. No incidence of pests and diseases reported so far.

												Advisory: Weeding and earthing up should be done and first top dressing of fertilizer (50% K and 50% N) should be given at 25 to 30 DAS. Use fertilizer dose of 120:60:60 kg/ha for hybrids and 90:40:40 kg/ha for varieties. Micronutrients- ZnSO ₄ (25 kg/ha) and Boron(5 kg Borax/ha) should be applied at the time of first top dressing, if not applied as basal dose. Surveillance for incidence of sucking pests like aphids and thrips to be followed. Spray neem pesticides (1500 ppm) @ 3 ml/litre of water to prevent sucking pests incidence.
GUJARAT												
Amreli	0	0	5	0	0	7	32	26	6	12	8	At Junagadh, the crop is 33 days old at vegetative stage. Cotton
Bhavnagar	3	0	5	7	3	0	28	30	2	26	20	sowing is completed in Saurashtra region of cotton growing areas,
Jamnagar	2	5	0	28	9	0	34	14	6	7	6	Gap filling, intercultural and weeding operations have been carried out. Kharif weeds like <i>Echinochloa crus-galli (Sambo)</i> , <i>Eclipta</i>
Rajkot	0	1	34	9	9	0	30	24	17	9	7	alba(Bhangro), Euphorbia hitra (Dudheli), Phyllanthus fraternus
Junagadh	5	3	13	21	3	74	34	14	6	7	6	(Bhoi amali), Portulaca sativa (Luni), Amaranthus viridis
Sabarkantha							104	10	8	9	23	(Dhimano) are in abundance. Minor attack of grey weevil is
Surendranagar	0	12	8	0	4	8	26	25	10	14	11	observed. At Surat, the crop is in initial growth stage. The weather was cloudy
Ahmedabad	28	9	2	3	17	0	39	21	5	14	30	with medium to heavy rains. Weeds like Chido (<i>Cyprus rotundus</i>)
Baroda	2	4	7	0	39	10	30	8	4	3	10	Dharo (<i>Cynodon dactylon</i>) Tandaljo (<i>Amaranthus viridis</i>) and few
Patan							30	8	4	3	10	others have infested the crop. No pests and diseases noticed.
Mehesana							79	14	9	6	18	Advisory: At Junagadh, farmers should go for light earthing up 35 days after sowing cotton. Due to continuous rains, phoma blight was observed in some areas. For fungal leaf spot/blight farmers should spray Pyraclostrobin 5% + Metiram 55% 20 gm or Propaconazole 25% EC @10 ml or Propineb 70% WP @ 25g in 10 liter water. Remove excess water from the field. Apply Ammonium Sulphate @ 15 kg per acre after 30 days of sowing cotton. Those farmers with labour scarcity should spray Quazalofop ethyle 20 ml in 10 liters water for weed control. Those areas where water logging is seen, make small

MADHYA PRADESH Khargaon Dhar Khandwa	3	13	49	2	0	0	27 18	15 14	3 3	12 10	7 5	holes by rod near the plants for aeration. At Surat, farmers are advised to go for field sanitation. Channel has to be prepared to drain rain water. Removal of excess rain water from the cotton fields in case of heavy rains to avoid water logging condition should be done. At Khandwa, the crop is 55 to 82 days old at vegetative stage. The weather was cloudy and warm humid. Inter cultural operations and fertilizer application as per requirement was taken up. Weeds like <i>Cynodon dactylon, Cyperus rotundus, Commelina naudiculus and Parthenium histerophorus</i> etc. have infested the crop. Leafhoppers population crossed ETL for which Imidachloprid/ Thiomethoxim / Acetameprid were sprayed. Scattered infestation of termite was noticed for which drenching of Chlorpyriphos 20EC 1200 ml/ha was recommended as per requirement. No incidence of diseases. Advisory: Farmers are advised to take up intercultural operations as per field condition and fertilizer application of 25% N, 50% P and 50% K. For leafhopper management spray Flonicamid 50 WG @80 g or Dinotefuran 20% SG 60g/acre.
MAHARASHTRA												
Dhule							13	7	4	12	7	At Rahuri, the crop is in vegetative to flowering stage. The weather
Nandurbar							25	16	5	11	5	was clear to cloudy during the reporting period. Weeding, hoeing and fertilizer application were taken up. Weeds like Lavala,
Jalgaon	38	0	0	0	0	0	7	4	3	10	3	Parthenium, Haryali, Dudhi, Chandvel etc. were noticed. Incidence
Ahmednagar	0	0	0	0	4		36	10	2	3	7	of Aphids, Leafhoppers, Thrips, Whitefly and Mylloecerus weevil
Aurangabad	3	0	0	0	0	55	23	2	4	12	8	etc. were noticed but below ETL. Tobacco streak virus is at initial
Jalna	0	0	0	0	0	11	25	6	7	18	9	stage.
Beed							23	2	5	7	15	At Nanded, the crop is 21 to 44 days old at vegetative to square
Nanded	9	0	0	0	0	0	24	10	12	19	17	formation stage. The weather was clear to cloudy. Intercultural,
Parbhani	43	59	0	0	0	0	29	10	10	17	13	weeding, fertilizer application and crop protection were the
Hingoli							35	15	9	22	12	operations carried out. Weeds like Cynadon dactylon, Cyperus

Buldhana	81	0	2	5	0	0	15	8	5	15	5
Akola	29	8	27	0	14	0	12	24	7	10	3
Washim							28	24	11	16	10
Amravati	3	25	4	0	10	1	15	21	5	15	11
Yavatmal							24	20	11	16	19
Wardha	0	2	16	0	43	1	25	15	7	19	30
Nagpur	1	0	0	0	7	4	17	11	8	28	36
Chandrapur	0	0	26	0	6	16	15	14	10	28	35

rotundous, Digeria arvensis, Merremia emarginata, Xanthium strumarium, Cassia tora have infested the fields. Aphids attack noticed below ETL. Root rot disease noticed in few fields.

At Akola, the sowing of cotton has been completed. The crop is of 20 to 25 days old and at vegetative stage. The weather during the reporting period was cloudy and rainy. Thinning, hoeing and weeding operations have been taken up. Some grassy weeds particularly *Cyperus rotundus* and *Cyperus rotundus* are prominent weeds observed in cotton fields with some broadleaf weeds too. Weedicide spray is going on. No pests and diseases.

Advisory:

At Rahuri, collection of neem seed should be done for preparation of NSKE. Install yellow sticky traps against Jassid and whitefly for monitoring. Install pheromone traps @2 per acre at 45 days after sowing and spray NSE or neem based insecticides against pink bollworm. Excess rain water should be drained out from field. If sucking pest reaches above ETL, spray Flonicamid 50 WG 4 gm or Dinotefuran 20% SG 3g/10 lit of water.

At Nanded, basal dose of fertilizers - 48:60:60 NPK kg/ha should be applied as early as possible to rainfed cotton. Intercultural operations are to be carried out on irrigated and rainfed crops. Top dressing of Nitrogen @ 60 kg/ha to irrigated crop and 36 kg/ha to rainfed crop should be applied by ring or by drilling method. Nitrogenous fertilizers should not be applied by broadcast. Post emergence weedicide Pyrithiobac Sodium @ 62.5 g a.i. /ha + Quizalofop- ethyl 50 g a.i. / ha should be sprayed as tank mix at 20-30 DAS (2-4 weed leaf stage) or hand weeding should be done at 20-30 DAS. Collection of Neem seeds should be done for using as NSKE in future. Excess rain water should be drained out. Foliar spray of 5% NSKE or Acetamiprid 20% DP or pest after 35-40 DAS @ 2 g per 10 lit.

At Akola, the infestation of some grassy weeds and broadleaf weeds

													were observed in cotton fields. So farmers are advised to undertake the spray of post-emergence herbicide Pyrithiobac Sodium 10 % EC @12.5 to 15 ml per 10 lit of water for broad spectrum weed control or spray of Quizalofop-ethyl 5 % EC @15ml per 10 lit of water to manage grassy weeds in cotton. It is also advised to carry out the intercultural operations like hoeing and weeding in cotton. It is recommend to apply first split of 40 Kg N (90Kg Urea per ha.) for irrigated hybrid cotton and 30 Kg N (65 Kg urea per ha.) for rainfed hybrid/hirsutum cotton as a top dressing dose of chemical fertilizers. For the management of leafhoppers, spray Acetamiprid 20 SP 2g/10lit. of water on crossing ETL. At Parbhani root rot incidence has been reported in some fields, spot application of Carbendazim 50% WP@ 2.0 g per litre of water or <i>Trichoderma harzianum</i> or <i>T. viridae</i> @10 g/ litre of water is recomonded. While gap filling in place of infected /rotted plants farmers are advice to give seed treatment with fungicides Thiram 37.5+ Carboxin 37.5% DS @ 3.5 g / kg seed or Tetraconazole 11.6% w/w (12.5% w/v) SL @ 2 ml /kg seed or <i>Trichoderma harzianum</i> or <i>T. viridae</i> @4 g/ kg of seed .
TELANGANA							ı						
Adilabad	0	34	16	0	49	0		22	17	13	22	17	At Nandyal, the crop is 20 to 25 days old at vegetative stage. The
Warangal	0	33	0	0	3	0		8	1	7	18	15	weather was cloudy with frequent rainfall. Grassy weeds were noticed for which weeding and intercultural operations have been
Khammam	5	15			14	26		13	1	2	18	11	taken up. No major pests recorded during the reporting period. No
Karimnagar	15	26	0	0	0	0		2	5	8	19	22	incidence of disease.
Mahabubnagar	0	6	0	12	0			26	3	0	3	10	
ANDHRA PRADESH													At Guntur, preparatory cultivation and sowings are being done at slow pace due to continuous rains. Till date, the crop sown is 15 days
Guntur	105	1	10					10	1	1	2	2	old at initial growth stage. Field cleaning and basal application of
Prakasam	94	0	0	0	5	0		9	1	1	2	4	Single Super Phosphate is being done Due to continuous rains, weed infestation is observed. No pests incidence. Traces of root rot noticed for which the affected and surrounding plants are drenched with fungicides.

KARNATAKA												Advisory: At Nandyal, farmers are advised to spray neem oil @ 5ml/lit of water for managing sucking pests. Advised to install pheromone traps at 45 DAS for monitoring pink bollworm. At Guntur, farmers are advised to go for inter cultivation wherever possible. Spot application of Carbendazim 50% WP@ 2.0 g per litre of water or *Trichoderma harzianum* or *T. viridae* @10 g/ litre of water is suggested in case of root rot incidence. Treat the seed with fungicides Thiram 37.5+ Carboxin 37.5% DS @ 3.5 g/kg seed or Tetraconazole 11.6% w/w (12.5% w/v) SL @ 2 ml/kg seed or *Trichoderma harzianum* or *T. viridae* @4 g/kg of seed before sowing to protect seedlings from soil andv seed born disease incidence.
Dharwad	6	10	5	1	0	0	34	7	3	4	5	At Raichur, the crop is 30 to 35 days old at vegetative stage. Weather
Haveri							26	8	3	9	7	was generally humid and cloudy. Sowing has been taken up in some
Mysore	3	5	0	0	0	0	7	6	4	4	15	irrigated patches and also in rainfed areas where rainfall was received. About 90 per cent of the area has been sown this week Post-emergent application of Pyrithiobac Sodium 10% EC @ 1.5 ml in 1 lit of water was sprayed to 20 to 25 days crop or when the weeds were at 3-5 leaf stage. Thrips were noticed in the farmers' fields for which Fipronil spray @ 1 ml/1 lit of water was recommended. No incidence of diseases noticed in the farmers' field so far. At Dharwad and surrounding regions, the crop is 7 to 25 days old at germination to vegetative stage. Hand weeding and intercultural operations for weed management has been taken up. Spraying of Profenophos 50 EC @ 2.0 ml per lit of water for Shoot weevil management has been done. Dominant weeds that infested the crop were <i>Cyanodon dactylon</i> and <i>Cyperus rotundus</i> . Shoot weevil and Aphid infestation was in moderate status. No incidence of disease.

) 8	0	44	0	0	0	0	0	0	0	Pre-sowing package of practices
ΓAMIL NADU											At Dharwad and surrounding regions, farmers are advised to take up hand weeding and intercultural operations for management of weeds. Spray Profenophos 50 EC @ 2.0 ml per lit of water to 15 to 30 days crop against shoot weevil At Chamarajanagar, farmers are advised to spray neem based insecticides, Acephate @ 1 gm/lt of water for sucking pest management. To control leaf reddening, farmers are advised to spray DAP @ 2gm/lt of water
											At Chamarajanagar, the crop is 74 to 79 days old at vegetative stage to square formation stage. Broad leaved weeds, <i>Cyperus</i> and <i>Parthenium sp.</i> have infested the fields. Leafhoppers, Aphids and mirid bug incidence noticed. Imidacloprid @ 0.5 ml or Acephate @ 1 gm/lt of water was sprayed. No incidence of diseases. Advisory: At Raichur, the farmers are advised to purchase Bt cotton seeds from the reputed dealers. Take up sowing on time those who have irrigation facilities. Pre-emergent application of Pendimethalin @ 3.5 ml per litre of water is being advised to the farmers who have taken up sowings. Post-emergent application of Pyrithiobac Sodium 10% EC @ 1.5 ml in 1 lit of water is advised to the farmers at 20 to 25 days after sowing or when the weeds are at 3-5 leaf stage. Spinetorum 11.7SC @ 0.9 ml/1 lit of water should be given to control thrips once it goes above ETL. There should be sufficient moisture in the field while taking pre-emergent herbicide spray. To avoid the root rot/wilt incidence treat the seed with fungicides Thiram 37.5+ Carboxin 37.5% DS @ 3.5 g / kg seed on Tetraconazole 11.6% w/w (12.5% w/v) SL @ 2 ml /kg seed on Trichoderma harzianum or T. viridae @4 g/ kg of seed before sowing.

Salem	11	16	4	0	1	0	12	5	2	5	9
Trichy							2	1	2	5	4
Trichy Virudhunagar							2 2	0	2 2	6	8

Clean up fields of residual stalks and partially opened bolls from previous crop season

Seed treatment with Thiram 37.5+carboxin 37.5% DS @ 3.5 g/kg seed or Tetraconazole 11.6% w/w (12.5% w/v) SL @ 2 ml/kg or *Trichoderma harzianum* or *T. viridae* @4 g/ kg of seed to avoid the seed and soil borne diseases and biofertilizers, Azotobacter and PSB @ 6 ml/kg should be done before sowing of cotton.

Crop rotation to be followed in the fields that were heavily infested with pink bollworm during last season to break the life cycle of pink bollworm.

Grow sucking pest and disease tolerant, short duration and early maturing varieties/hybrids/cultivars of cotton.

Increased awareness should be created among the cotton farmers regarding implementation of integrated pest management (IPM) strategy for management of pink bollworm.

The 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 ICAR-CICR, 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 that may also be consulted for the benefit of farmers

Rainfall (mm) Legend colour <5 5-20 21-50 51-80 >80

0.0 mm rainfall (no rainfall)

Blank space express data not available.

For district past rainfall data:

Source: Website:www.imdagrimet.gov.in

Link: http://164.100.114.10/weatherdata/DistrictWindow.php

For next five day forecast:

Website: agromet.imd.gov.in Link: http://agromet.imd.gov.in/index.php/download/download_state_wise