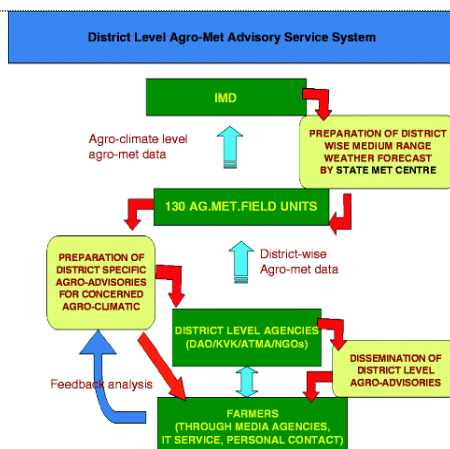




Agromet Advisory Service Bulletin for the State of ANDHRA PRADESH
(Advisories mentioned in the bulletin are prepared by different AMFUs in ANDHRA PRADESH)

Bulletin No.: 54/2025

Issued on: 08.07.2025



**From the period (09.07.2025 to 13.07.2025)
(5 days from Wednesday to Sunday)
State Agro-meteorological Services Center (SAMC), Amaravati**

Agro-climatic Zone	Districts	In-charge stations
North Coastal Andhra	Srikakulam, Vizianagaram & Visakhapatnam	RARS, Anakapalle
South Andhra	Nellore, Chittoor & Kadapa	RARS, Tirupathi
Godavari	East & West Godavari	RARS, Chintapalle
Krishna	Guntur, Krishna & Prakasam	RARS, Guntur
Scarce Rainfall	Ananatapur & Kurnool	RARS, Anantapur
High Altitude	Srikakulam, Vizianagaram, Visakhapatnam & East Godavari	RARS, Chintapalle

Weather Warnings (Met-Subdivision Level): Coastal Andhra Pradesh & Rayalaseema:

Day 1 (08.07.2025): Thunderstorm accompanied with lightening likely at Isolated places over NCAP & Yanam and SCAP. Strong winds with speed of 40-50 kmph likely at isolated places over NCAP & Yanam, SCAP and Rayalaseema.

Day 2 (09.07.2025): Thunderstorm accompanied with lightening likely at Isolated places over NCAP & Yanam and SCAP. Strong winds with speed of 40-50 kmph likely at isolated places over NCAP & Yanam, SCAP and Rayalaseema.

Day 3 (10.07.2025): Thunderstorm accompanied with lightening likely at Isolated places over NCAP & Yanam. Strong winds with speed of 40-50 kmph likely at isolated places over NCAP & Yanam, SCAP and Rayalaseema.

Day 4 (11.07.2025): Thunderstorm accompanied with lightening likely at Isolated places over NCAP & Yanam. Strong winds with speed of 40-50 kmph likely at isolated places over NCAP & Yanam, SCAP and Rayalaseema.

Day 5 (12.07.2025): Thunderstorm accompanied with lightening likely at Isolated places over NCAP & Yanam. Strong winds with speed of 40-50 kmph likely at isolated places over NCAP & Yanam, SCAP and Rayalaseema.

Extended Range forecast at Met-Subdivision Level (2025-07-13 to 2025-07-19):

Subsequent week outlook (6th to 12th Day):

Meteorological Sub-Division	Rainfall	Max Temp	Min Temp
COASTAL ANDHRA PRADESH	Normal	Normal	Normal
RAYALASEEMA	Below Normal	Normal	Normal

Likely impacts of weather warnings (General)

- Partial reduction in visibility, slippery roads.
- Major disruption in traffic flow.
- Moderate water logging in parts of low-lying areas and adjacent to river banks.
- Possibility of falling small tree branches.
- Loosening of rocks due to persistent rains leading to possibility of minor land / mud slides in elevated hilly areas (Ghat areas).

Impact based advisories (General)

- Avoid travel during times of heavy rain.
- Do not take shelter under tree during heavy rain.
- Follow guidelines issued by the government.

Likely impacts of weather warnings on Agriculture due to heavy rain

- Heavy rainfall can cause soil erosion and wash away valuable topsoil, harming agriculture.
- Excessive rainfall can cause delays in planting and harvesting.
- heavy rains may restrict the growth of roots of plants.
- Excess rain can lead to oxygen deficiency and nutrient loss, resulting in reduced crop yields.
- Pests, diseases and fungus may develop on the crops due to high humidity.
- Weed growth increases.
- Long exposure to strong winds causes morphological changes.
- Exposure of growing plants to hot wind results in dwarfing due to desiccation of plant tissue and reduces growth.

- Strong wind may increase crop water requirements due to increased evapotranspiration
- Heavy wind during flowering reduces pollination, causes flower shed, increases sterility and reduces fruit set in all crops.
- Livestock may be infected by mites, ticks, flies & other seasonal diseases.
- The monsoon season is congenial for vector transmission of viral diseases.

Agromet advisories

- Maintain 5 to 10 cm water level in rice fields,
- Drain out excess water from rice, pigeon pea, black gram, green gram, maize, sunflower, groundnut, soybean, vegetables and orchards,
- Advisories issued by AMFUs may be followed in respect of various crops depending on the stage of the crop while applying fertilizers, pesticides, herbicides and other management practices.
- Livestock may be vaccinated in time.
- Keep ready insect repellents, insecticides
- provide staking in vegetables and newly planted orchards,
- keep farm animals indoor during thunderstorm & lightning periods.

Summary of four days rainfall over the State (04th July – 07th July 2025):

Met Sub Division	04-07-2025	05-07-2025	06-07-2025	07-07-2025
Coastal Andhra Pradesh	FWS	SCT	SCT	SCT
Royalaseema	ISOL	ISOL	ISOL	ISOL
ISOL: Isolated i.e. Rain at 1 or 2 places SCT: Scattered i.e. Rain at a few places DRY: No rain		FWS: Fairly Widespread i.e. Rain at many places WS: Widespread i.e. Rain at most places		

Rainfall forecast for next 5 days:

Met Sub Division	08.07.2025	09.07.2025	10.07.2025	11.07.2025	12.07.2025
COASTAL ANDHRA PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL
RAYALASEEMA	ISOL	ISOL	ISOL	ISOL	ISOL
MET SUBDIVISION OF COASTAL ANDHRA PRADESH	08.07.2025	09.07.2025	10.07.2025	11.07.2025	12.07.2025
NORTH COASTAL ANDHRA PRADESH & YANAM	SCT	SCT	ISOL	ISOL	ISOL
SOUTH COASTAL ANDHRA PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL
ISOL: Isolated i.e. Rain at 1 or 2 places SCT: Scattered i.e. Rain at a few places DRY: No rain		FWS: Fairly Widespread i.e. Rain at many places WS: Widespread i.e. Rain at most places			

Agromet Advisories issued by different Agromet Field Units (AMFUs) of Andhra Pradesh

Meteorological Subdivision of Coastal Andhra Pradesh: AMFU ANAKAPALLI

AGRO METEOROLOGICAL ADVISORY FOR SRIKAKULAM DISTRICT

S. No.	Crop	Stage and condition of the crop	Problems / Pest and disease	Agro Advisory
1	Paddy	Nursery management	-	<ul style="list-style-type: none"> Farmers can choose varieties like RGL 2537, BPT 5204, BPT 3291, MTU 1262, MTU 1318, MTU 1064 and MTU 1224 and sow with a seed rate of 25-30 kg/acre and farmers are advised to follow the germination test and then seed treatment with Pseudomonas fluorescence @ 10 g/kg seed or Carbendazim @ 1 g/l for wet nursery and 3g/l for dry seeding.
		Seedling	-	<ul style="list-style-type: none"> Apply urea @ 2.5 kg as top dressing for a nursery bed of 5 cents at 12-14 days after sowing. Apply carbofuran granules @ 160g/cent at 15-20 days after sowing nursery.
2	Dry Direct sown paddy	Seedling stage		<ul style="list-style-type: none"> If the crop is at 20 days age, go for spraying of bispyribac sodium @ 100 ml/acre to control grasses and broad leaf weeds. If grasses are dominating, go for spraying with fenoxoprop P ethyl @ 350 ml/acre. Top dressing of urea @ 25 kg/acre at 15-20 days after sowing can be done.
3	Mesta	Vegetative stage	-	<ul style="list-style-type: none"> Go for intercultivation operation in mesta followed by topdressing of urea @ 26 kg/acre and murate of potash @ 10 kg/acre
4	Sugarcane	Formative stage	Top rot	<ul style="list-style-type: none"> Current weather conditions may lead to toprotop incidence in sugarcane. Spray mancozeb @ 3 g/L.
			Sucking pest	<ul style="list-style-type: none"> As the incidence of sucking pest which spreads the yellow leaf disease in sugarcane may be higher due to the prevailing conditions, go for spraying with dimethoate @ 2 ml/l of water.
5	Sheep & goat	Enterotoxemia	-	<ul style="list-style-type: none"> The cattle may get affected with Enterotoxemia disease due to the prevailing conditions. Prevention of Enterotoxemia is more successful than treating the disease. Vaccinate the animals against the disease with due consultation from the veterinarian.

AGRO METEOROLOGICAL ADVISORY FOR VIZIANAGARAM DISTRICT

S. No.	Crop	Stage and condition of the crop	Problems / Pest and disease	Agro Advisory
1	Rice	Seedling	-	<ul style="list-style-type: none"> Apply urea @ 2.5 kg as top dressing for a nursery bed of 5 cents at 12-14 days after sowing. Apply carbofuran granules @ 160g/cent at 15-20 days after

				sowing nursery.
2	Dry Direct sown paddy	Seedling		<ul style="list-style-type: none"> Due to the rains the weed problem may enhance in direct sown rice. If the crop is at 20 days age, go for spraying of bispyribac sodium @ 100 ml/acre to control grasses and broad leaf weeds. If grasses are dominating go for spraying with fenoxoprop P ethyl @ 350 ml/acre. Top dressing of urea @ 25 kg/acre at 15-20 days after sowing can be done.
3	Maize	Sowing	Weeds	<ul style="list-style-type: none"> Spray Atrazine 1 kg per 200 lit of water per acre as pre-emergence to control weeds
		Vegetative		<ul style="list-style-type: none"> Present weather conditions may lead to incidence of fall army worm. If the incidence is severe spray emamectin benzoate @ 0.4g/L.
4	Ragi	Nursery	-	<ul style="list-style-type: none"> Choose varieties like indravathi, vegavathi and sri chaitanya for raising nursery with a seed rate of 2.5 kg for transplanting in one acre field.
5	Mesta	Vegetative stage	-	<ul style="list-style-type: none"> Utilize the moisture and go for intercultivation operation in mesta followed by topdressing of urea @ 26 kg/acre and murate of potash @ 10 kg/acre
6	Sugarcane	Formative stage		<ul style="list-style-type: none"> Take up earthing up for the crop of 120 days and also propping to avoid crop lodging due to winds.
		Sucking pest		<ul style="list-style-type: none"> As the incidence of sucking pest which spreads the yellow leaf disease in sugarcane may be higher due to the prevailing conditions, go for spraying with dimethoate @ 2 ml/l of water.
8	Cotton	Sowing to vegetative stage	Sucking pests	<ul style="list-style-type: none"> To avoid sucking pests in early growth stages, go for stem application with monocrotophos (or) imidachloprid in 1:4 ratio (1 ml insecticide in 4ml of water) at 20,40,60 days after sowing.
			Weed management	<ul style="list-style-type: none"> To control grasses and broad leaved weeds go for post emergence spray of quizalofopethyl @ 400 ml acre and pyriithiaobac sodium @ 250 ml/acre at 25-30 days after sowing.

AGRO METEOROLOGICAL ADVISORY FOR VISAKHAPATNAM DISTRICT

S. No.	Crop	Stage and condition of the crop	Problems / Pest and disease	Agro Advisory
1	Maize	Sowing	Weeds	<ul style="list-style-type: none"> Spray Atrazine 1 kg per 200 lit of water per acre as pre-emergence to control weeds
		Vegetative		<ul style="list-style-type: none"> Present weather conditions may lead to incidence of fall army worm. If the incidence is severe spray emamectin benzoate @ 0.4g/L.
2	Ragi	Nursery	-	<ul style="list-style-type: none"> Choose varieties like indravathi, vegavathi and sri chaitanya for raising nursery with a seed rate of 2.5 kg for transplanting in one acre field.
3	Bajra			<ul style="list-style-type: none"> Go for top dressing with urea @ 35 kg/acre for crop of 30 days

4	Groundnut	Sowing		<ul style="list-style-type: none"> Go for seed treatment with imidacloprid 600 FS @ 2ml along with 4ml water for kg seed and after drying treat the seed with tebuconazole 2DS @ 2g/kg seed and then after two days before sowing of the crop go for seed treatment with rhizobium culture @ 10g or 10 ml/kg seed.
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AGRO METEOROLOGICAL ADVISORY FOR ANAKAPALLI DISTRICT

S. No.	Crop	Stage and condition of the crop	Problems / Pest and disease	Agro Advisory
1	Paddy	Nursery management	-	<ul style="list-style-type: none"> Farmers can choose varieties like RGL 2537, BPT 5204, BPT 3291, MTU 1262, MTU 1318, MTU 1064 and MTU 1224 and sow with a seed rate of 25-30 kg/acre and farmers are advised to follow the germination test and then seed treatment with Pseudomonas fluorescence @ 10 g/kg seed or Carbendazim @ 1 g/l for wet nursery and 3g/l for dry seeding.
		Seedling	-	<ul style="list-style-type: none"> Apply urea @ 2.5 kg as top dressing for a nursery bed of 5 cents at 12-14 days after sowing. Apply carbofuran granules @ 160g/cent at 15-20 days after sowing nursery.
2	Dry Direct sown paddy	Sowing to Seedling stage	-	<ul style="list-style-type: none"> Due to the rains the weed problem may enhance in direct sown rice. If the crop is at 20 days age, go for spraying of bispyribac sodium @ 100 ml/acre to control grasses and broad leaf weeds. If grasses are dominating go for spraying with fenoxoprop P ethyl @ 350 ml/acre. Top dressing of urea @ 25 kg/acre at 15-20 days after sowing can be done.
3	Maize	Sowing	-	<ul style="list-style-type: none"> Go for sowing of <i>kharif</i> maize with suitable varieties and hybrids
4	Bajra	Vegetative stage		<ul style="list-style-type: none"> Top dressing with urea @ 35 kg/acre for crop of 30 days
5	Greengram/blackgram		Maruca pod borer	<ul style="list-style-type: none"> Spray chlorantraniliprole @ 0.3 ml/l
	Sesamum	Flowering stage	Sucking pest	<ul style="list-style-type: none"> Sucking pest incidence may be severe during prevailing weather conditions which acts as vector for phyllody disease. Spray dimethoate @ 2 ml/L for vector control.
6	Sugarcane	Formative stage	Top rot	<ul style="list-style-type: none"> Current weather conditions may lead to toprotop incidence in sugarcane. Spray mancozeb @ 3 g/L.
			Sucking pest	<ul style="list-style-type: none"> As the incidence of sucking pest which spreads the yellow leaf disease in sugarcane may be higher due to the prevailing conditions, go for spraying with dimethoate @ 2 ml/l of water.

7	<i>Rainfed sugarcane</i>	Planting	-	<ul style="list-style-type: none"> Planting of sugarcane may be done before 15th July duly following sett treatment with 10% lime water and using a seed rate of 20,000 three budded setts/acre at a spacing of 60 cm between rows.
8	Mango/cashew	-	-	<ul style="list-style-type: none"> Farmers are suggested to take up pruning after harvesting in mango and cashew orchards to ensure good air circulation and sunlight penetration.
9	Sheep & goat	Enterotoxemia	-	<ul style="list-style-type: none"> The cattle may get affected with Enterotoxemia disease due to the prevailing conditions. Prevention of Enterotoxemia is more successful than treating the disease. Vaccinate the animals against the disease with due consultation from the veterinarian.

AMFU CHINTAPALLI

AGRO METEOROLOGICAL ADVISORY FOR PARVATHIPURAM MANYAM DISTRICT

Crop	Stage/ Management of the crop	Recommendation
Rice	Nursery	Apply 2 kg urea, 6 kg single super phosphate, 1 kg of murate of potash sow the seed @ 20kg/acre. Maintain field water depth at 2–3 cm during ensure proper growth and weed suppression. Ensure drainage channels are clear to prevent waterlogging during heavy rains
Vegetables	Management	To control leaf spots after draining, apply 2.5 g/l carbendazim + mancozeb, or spray 30g/10 liters copper oxy chloride to control root rot.
Sun hemp	Management	Go for sowing of rice fallow sun hemp with a seed rate of 10 kg/acre.
Mango	Management	Harvest fully matured fruits before heavy rains to avoid fruit drop and spongy tissue. Protect harvested fruit using graded packaging and shade drying . Prune diseased/dry twigs post-harvest and apply Bordeaux paste .
Live stock	Management	Provide adequate shade in sheds and grazing areas. Avoid long-distance movement or heavy work during mid-day. For Fly and tick infestations apply acaricides or neem-based sprays.

AGRO METEOROLOGICAL ADVISORY FOR ALLURI SITARAMA RAJU DISTRICT

General advisories:

Light rainfall and high humidity may increase the risk of fungal diseases; regularly inspect crops and apply appropriate fungicides as a preventive measure. Delay irrigation schedules due to expected rainfall; ensure proper drainage to avoid water logging. Favorable weather for weed growth plan timely weeding operations to reduce competition for nutrients. Maintain ventilation in poly houses and livestock shelters to reduce humidity-related stress and diseases. Store harvested produce in dry and well-ventilated areas to prevent spoilage due to high moisture conditions.

SMS Alert:

Incorporate Dhaincha or Sunhemp to enrich soil for Kharif. Immediate action is needed to **shift field schedules, enhance disease/pest monitoring, and protect post-harvest crop quality.**

Monsoon is setting in with moderate rainfall, high humidity, and cloudy skies. Begin land preparation and sowing of green manure crops, and ensure crop-specific care to prevent fungal and pest issues.

Crop specific Agro-advisory:

Crop	Stage of the crop/ Management	Recommendation
Rice	Nursery	Apply 2 kg urea, 6 kg single super phosphate, 1 kg of murate of potash sow the seed @ 20kg/acre.
Animal	Management	Keep livestock in covered, well-ventilated shelters during storms and high winds.

Husbandry		Maintain dry bedding to prevent hoof rot and respiratory infections. Store feed in moisture-proof areas to avoid fungal contamination. For Fly and tick infestations apply acaricides or neem-based sprays.
Mango	Management	Harvest fully matured fruits before heavy rains to avoid fruit drop and spongy tissue. Protect harvested fruit using graded packaging and shade drying . Prune diseased/dry twigs post-harvest and apply Bordeaux paste .

Stay updated with weather alerts and inspect fields post-storm for damage.

Raising of green manure crops like dhaincha, sunhemp and kalonji can be done by utilizing the rainfall.

Postpone irrigation to all crops and apply crop residue mulch. Summer ploughing against the slope is advised to conserve the anticipated rain.

AGRO METEOROLOGICAL ADVISORY FOR KAKINADA DISTRICT

General advisories: Light rainfall with high temperatures may increase soil moisture temporarily—avoid unnecessary irrigation. Cloudy and humid conditions may promote fungal and bacterial diseases; monitor crops and apply appropriate plant protection measures. Schedule fertilizer application based on rainfall to avoid nutrient leaching. Maintain cleanliness in livestock areas to prevent infections due to increased humidity. Use mulching to conserve soil moisture and suppress weed growth during warm and wet conditions.

SMS Alert: Farmers are advised to incorporate green manure crops like Daincha or sun hemp and insitu ploughed @ 45 days after sowing and to procure quality seeds and fertilizers in for Kharif sowing

Crop specific Agro-advisory:

Crop	Stage/ management of the crop	Recommendation
Rice	Nursery	Apply 2 kg urea, 6 kg single super phosphate, 1 kg of murate of potash
Coconut	Management	Apply organic mulch to retain soil moisture and suppress weeds. Use rainwater for basin irrigation if needed, and apply recommended fertilizers. Post-rain, monitor for rhinoceros beetle and red palm weevil—clean crowns and apply neem cake or botanicals. To control Rugose spiraling whitefly Spray neem oil @ 5 ml/l
Mango	Management	Harvest fully matured fruits before heavy rains to avoid fruit drop and spongy tissue. Protect harvested fruit using graded packaging and shade drying . Prune diseased/dry twigs post-harvest and apply Bordeaux paste .
Vegetables	Management	Due to rainfall and high humidity, farmers are advised to drenching of bavistin @ 2g/lit to prevent wilt diseases in vegetable crops
Live stock	Management	sufficient quantity of good quality of water is necessary to the poultry birds. Further providing feed during morning hours to avoid food wastage and hanging of gunny bags the border of the shed. Electrolytes may be added in the chicken feeds to increase the feed intake. Foot and Mouth Disease (FMD): Vaccinate buffaloes, cattle, sheep, and goats against FMD in July/August. To prevent the diseases, vaccinate the animals.

AGRO METEOROLOGICAL ADVISORY FOR EAST GODAVARI DISTRICT

General advisories: Moderate rainfall is expected; ensure proper drainage in crop fields to avoid waterlogging. Delay pesticide application during rainy days; if necessary, apply during clear intervals. High humidity and cloud cover may favor fungal diseases—monitor and use appropriate fungicides. Store harvested produce in dry, well-ventilated areas to prevent spoilage. Provide clean drinking water and dry bedding for livestock to maintain health during wet conditions.

SMS Alert: Farmers are advised to incorporate green manure crops like Daincha or sun hemp and insitu ploughed @ 45 days after sowing and to procure quality seeds and fertilizers in for Kharif sowing.

Crop specific Agro-advisory:

Crop	Stage/ management of the crop	Recommendation
Rice	Nursery	Apply 2 kg urea, 6 kg single super phosphate, 1 kg of murate of potash for nursery. Maintain field water depth at 2–3 cm during ensure proper growth and weed suppression. Ensure drainage channels are clear to prevent waterlogging during heavy rains

Sugarcane	Formative phase	Present weather conditions are congenial for top rot incidence in sugarcane. Based on severity of incidence go for spraying with carbendazim @ 1g or mancozeb @ 3 g/l after cessation of rains.
Vegetables	Management	Utilizing the rains, farmers those who are going to take up vegetable nurseries can go for raised beds and drenching of nursery beds with metalaxyl @ 2g/l or COC @ 3g/l.
Live stock	Management	sufficient quantity of good quality of water is necessary to the poultry birds. Further providing feed during morning hours to avoid food wastage and hanging of gunny bags the border of the shed. Electrolytes may be added in the chicken feeds to increase the feed intake. Foot and Mouth Disease (FMD): Vaccinate buffaloes, cattle, sheep, and goats against FMD in July/August. To prevent the diseases, vaccinate the animals.

General recommendation: Postpone irrigation to all crops and apply crop residue mulch. Summer ploughing against the slope is advised to conserve the anticipated rain.

AGRO METEOROLOGICAL ADVISORY FOR KONASEEMA DISTRICT

General advisories: Light rainfall is expected; postpone irrigation and ensure proper field drainage. High humidity and dense cloud cover may lead to fungal infections; monitor crops and apply appropriate fungicides. Avoid harvesting and drying operations during high cloud cover to prevent quality loss. Ensure livestock shelters are dry and well-ventilated to reduce stress and disease risk. Farmers can plan intercultural operations and fertilizer application during dry intervals.

SMS Alert: Farmers are advised to incorporate green manure crops like Daincha or sun hemp and insitu ploughed @ 45 days after sowing and to procure quality seeds and fertilizers in for Kharif sowing.

Crop specific Agro-advisory:

Crop	Stage/ management of the crop	Recommendation
Rice	Nursery	apply 2 kg urea, 6 kg single super phosphate, 1 kg of murate of potash
Banana	Management	Normally rain accompanied with squally wind. Therefore stacking may be given to be five months old and above banana crops. Adopt field sanitation.
Live stock	Management	sufficient quantity of good quality of water is necessary to the poultry birds. Further providing feed during morning hours to avoid food wastage and hanging of gunny bags the border of the shed. Electrolytes may be added in the chicken feeds to increase the feed intake. Foot and Mouth Disease (FMD): Vaccinate buffaloes, cattle, sheep, and goats against FMD in July/August. To prevent the diseases, vaccinate the animals.

AMFU GUNTUR

AGRO METEOROLOGICAL ADVISORY FOR GUNTUR & BAPATLA DISTRICTS

CROP ADVISORY

Crop	Crop Specific Advisory
Rice	<ul style="list-style-type: none"> If the weed growth is not controlled even after 15 days of sowing in the nursery, mix Cyhalofop butyl @ 2 ml per liter of water or bispyribac sodium @ 0.4 ml per liter of water and it is recommended for weed control.
Cotton	<ul style="list-style-type: none"> As many of the places didn't receive enough rainfall in the district, sowing of cotton crop is anticipated whenever sufficient amount of rainfall is received. July to August (black soils) and June for red soils is the best time for sowing in the district with 3-4 kg of seed with a spacing of 90-150 cm (row to row) 45-60 cm (plant to plant).
Maize	✓ Due to the prevailing winds, spraying operations have to be postponed or carry out

	<p>in the morning period to reduce the impact of strong winds.</p> <ul style="list-style-type: none"> ✓ Generally, irrigation should be given to maize crop at 15 days after sowing and again at 30-35 days after sowing.
Redgram	<ul style="list-style-type: none"> • As many of the places didn't receive enough rainfall in the district, sowing of redgram crop is anticipated whenever sufficient amount of rainfall is received. • Light, red and black soils with good drainage is good for redgram. Saline soils and water logged soils are not suitable and June to July is the best time for sowing of redgram.
Sesame	<ul style="list-style-type: none"> • There is a possibility of phyllody disease during the flowering stage of sesame crop. To prevent further spread of this, spray dimethoate @ 2 ml. per liter of water. • During the flowering stage, irrigation has to be given to avoid dry conditions as it is the critical stage of the crop
Livestock Advisory	
Buffaloes	<ul style="list-style-type: none"> • FMD Vaccine should be given to Buffaloes for control of foot & mouth diseases which attacks in rainy season. After vaccination, buffaloes are allowed to place in shade areas for 2 days and provide green fodder with mineral mixture.

AGRO METEOROLOGICAL ADVISORY FOR PALNADU & PRAKASAM DISTRICTS

CROP ADVISORY	
Crop	Crop Specific Advisory
Rice	<ul style="list-style-type: none"> • If the weed growth is not controlled even after 15 days of sowing in the nursery, mix Cyhalofop butyl @ 2 ml per liter of water or bispyribac sodium @ 0.4 ml per liter of water and it is recommended for weed control.
Cotton	<ul style="list-style-type: none"> • As many of the places didn't receive enough rainfall in the district, sowing of cotton crop is anticipated whenever sufficient amount of rainfall is received. • July to August (black soils) and June for red soils is the best time for sowing in the district with 3-4 kg of seed with a spacing of 90-150 cm (row to row) 45-60 cm (plant to plant).
Maize	<ul style="list-style-type: none"> ✓ Due to the prevailing winds, spraying operations have to be postponed or carry out in the morning period to reduce the impact of strong winds. ✓ Generally, irrigation should be given to maize crop at 15 days after sowing and again at 30-35 days after sowing.
Redgram	<ul style="list-style-type: none"> • As many of the places didn't receive enough rainfall in the district, sowing of redgram crop is anticipated whenever sufficient amount of rainfall is received. • Light, red and black soils with good drainage is good for redgram. Saline soils and water logged soils are not suitable and June to July is the best time for sowing of redgram.
Blackgram	<ul style="list-style-type: none"> • It is advised to maintain the weed free fields during 20-30 days after sowing of the crop and also take up the intercultivation operations to minimize the weed incidence.
Mango (Pruning)	<ul style="list-style-type: none"> <input type="checkbox"/> Prune all the diseased, dead and broken branches and twigs. <input type="checkbox"/> Remove all the unfruitful branches and shoots that are lying inside the canopy to facilitate free circulation of air and to allow sunlight. <input type="checkbox"/> Paste all the cut ends with 10% Bordeaux paste or with Copper oxy chloride paste. <input type="checkbox"/> Collect the pruned parts and destroy by burning.

Livestock Advisory	
Buffaloes	<ul style="list-style-type: none"> FMD Vaccine should be given to Buffaloes for control of foot & mouth diseases which attacks in rainy season. After vaccination, buffaloes are allowed to place in shade areas for 2 days and provide green fodder with mineral mixture.

AGRO METEOROLOGICAL ADVISORY FOR KRISHNA & NTR DISTRICTS

CROP ADVISORY	
Crop	Crop Specific Advisory
Rice	<ul style="list-style-type: none"> If the weed growth is not controlled even after 15 days of sowing in the nursery, mix Cyhalofop butyl @ 2 ml per liter of water or bispyribac sodium @ 0.4 ml per liter of water and it is recommended for weed control.
Cotton	<ul style="list-style-type: none"> As many of the places didn't receive enough rainfall in the district, sowing of cotton crop is anticipated whenever sufficient amount of rainfall is received. July to August (black soils) and June for red soils is the best time for sowing in the district with 3-4 kg of seed with a spacing of 90-150 cm (row to row) 45-60 cm (plant to plant).
Maize	<ul style="list-style-type: none"> ✓ Due to the prevailing winds, spraying operations have to be postponed or carry out in the morning period to reduce the impact of strong winds. ✓ Generally, irrigation should be given to maize crop at 15 days after sowing and again at 30-35 days after sowing.
Blackgram	<ul style="list-style-type: none"> It is advised to maintain the weed free fields during 20-30 days after sowing of the crop and also take up the intercultivation operations to minimize the weed incidence.
Horticulture	Advisory
Mango (Pruning)	<ul style="list-style-type: none"> <input type="checkbox"/> Prune all the diseased, dead and broken branches and twigs. <input type="checkbox"/> Remove all the unfruitful branches and shoots that are lying inside the canopy to facilitate free circulation of air and to allow sunlight. <input type="checkbox"/> Paste all the cut ends with 10% Bordeaux paste or with Copper oxy chloride paste. <input type="checkbox"/> Collect the pruned parts and destroy by burning.
Livestock Advisory	
Buffaloes	<ul style="list-style-type: none"> FMD Vaccine should be given to Buffaloes for control of foot & mouth diseases which attacks in rainy season. After vaccination, buffaloes are allowed to place in shade areas for 2 days and provide green fodder with mineral mixture.

AGRO METEOROLOGICAL ADVISORY FOR ELURU & WEST GODAVARI DISTRICT

CROP ADVISORY	
Crop	Crop Specific Advisory
Rice	<ul style="list-style-type: none"> If the weed growth is not controlled even after 15 days of sowing in the nursery, mix Cyhalofop butyl @ 2 ml per liter of water or bispyribac sodium @ 0.4 ml per liter of water and it is recommended for weed control.
Cotton	<ul style="list-style-type: none"> As many of the places didn't receive enough rainfall in the district, sowing of cotton crop is anticipated whenever sufficient amount of rainfall is received. July to August (black soils) and June for red soils is the best time for sowing in the district with 3-4 kg of seed with a spacing of 90-150 cm (row to row) 45-60 cm (plant to plant).
Maize	<ul style="list-style-type: none"> ✓ Due to the prevailing winds, spraying operations have to be postponed or carry out in

	<p>the morning period to reduce the impact of strong winds.</p> <ul style="list-style-type: none"> ✓ Generally, irrigation should be given to maize crop at 15 days after sowing and again at 30-35 days after sowing.
Blackgram	<ul style="list-style-type: none"> • It is advised to maintain the weed free fields during 20-30 days after sowing of the crop and also take up the intercultivation operations to minimize the weed incidence.
Horticulture	
Mango (Pruning)	<ul style="list-style-type: none"> <input type="checkbox"/> Prune all the diseased, dead and broken branches and twigs. <input type="checkbox"/> Remove all the unfruitful branches and shoots that are lying inside the canopy to facilitate free circulation of air and to allow sunlight. <input type="checkbox"/> Paste all the cut ends with 10% Bordeaux paste or with Copper oxy chloride paste. <input type="checkbox"/> Collect the pruned parts and destroy by burning.
Livestock advisory	
Buffaloes	<ul style="list-style-type: none"> • FMD Vaccine should be given to Buffaloes for control of foot & mouth diseases which attacks in rainy season. After vaccination, buffaloes are allowed to place in shade areas for 2 days and provide green fodder with mineral mixture.

Meteorological Subdivision of Rayalaseema:

AMFU TIRUPATI

AGRO METEOROLOGICAL ADVISORY FOR TIRUPATI DISTRICT

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

In view of strong surface winds farmers are advised to harvest the matured fruits and vegetables and take care of strong staking in banana gardens.

GENERAL ADVISORY

- Farmers who are taking up kharif groundnut sowings are advised to sow only after receipt of sufficient rainfall *i.e.* 50 mm rainfall in light soils and 60-70 mm rainfall in heavy soils and enough moisture is available in the soil.

SMS ADVISORY

- In view of heavy wind speed, farmers are advised to harvest the matured fruits and vegetables.

Select category: **Select Type:** **Paddy** **Select variety:**

Farmers who are taking up transplanting of paddy nurseries are advised to

- To avoid attack of stemborer clip the tips of the leaves before transplanting
- To avoid BPH attack leave 20cm. spacing between the rows
- Apply entire 'P205' & 'K20' as basal and 1/3 'N' as basal during lost puddling .
- Transplant 30-35 days old rice seedlings.
- Leave 20 cm pathways for every 2 mt. of transplanted crop.

CROP SPECIFIC ADVISORY **Select category: crop** **Select Type: G.Nut**

- Farmers who are taking up Kharif groundnut under irrigated conditions should select varieties like Narayani, Dharani, K-9, ICGV-9114 and varieties like Grishma, Dheeraj, Nityaharitha, K-6 where availability of water is there and should go for seed treatment with Mancozeb 3 g/kg or Tebuconazole @ 1 g/kg of seed.
- Farmers are advised to go for Gypsum application @ 200 kg/acre and do inter cultivation in early sown groundnut crop which is at flowering stage.

Select category: **Select Type: Minor millets** **Select variety:**

- Farmers who wish to take up rain fed minor millets are advised take up sowings from June 2nd fortnight to July 1st fortnight.
- Soak the seed for 10-12 hours, shade dry and broadcast the seed in the field at optimum moisture.

Select category: **Select Type: Sesame** **Select variety:**

- The farmers are advised to do thinning by leaving 15cm space between plant to plant in summer sown sesame crop. Weeding should be done after 30 days after sowing followed by broadcasting of nitrogen @ 8 kg/acre in sesame crop.

Select category:**Select Type:Vegetables****Select variety:**

The present weather conditions are favourable for fruit and shoot borer in brinjal. To control

Clip and destruct the affected branches and fruits

Erect pheromone traps @ 4/ac. and observe the intensity of the pest

Reduce the use of nitrogenous fertilizers and use potash fertilizers compulsory

Spray novaluron 0.75 ml. (or) Emamectin benzoate 0.5 g. (or) Indoxycarb @ 1 ml./L of water.

Select category:**Select Type: livestock****Select variety:**

- Cultivate rainfed cereal-based perennial fodder grasses like Co-4 hybrid Napier, jowar, Co-FS-29/31 and pulse-based cowpea and stylo hameta. Cattle should be given a mixture of mineral salts and saltwater for drinking.

Likely impacts of weather warnings (General)

- Due to the possibility of strong surface winds, livestock and goats should be kept in safe areas and provided with fodder.

Impact based advisories (General)

- In view of heavy winds stake the plants in banana gardens.

AGRO METEOROLOGICAL ADVISORY FOR CHITTOOR DISTRICT**Likely impacts of weather warnings on Agriculture and associated Agromet advisories**

In view of strong surface winds farmers are advised to harvest the matured fruits and vegetables and take care of strong staking in banana gardens.

GENERAL ADVISORY

- Farmers who are taking up kharif groundnut sowings are advised to sow only after receipt of sufficient rainfall *i.e.* 50 mm rainfall in light soils and 60-70 mm rainfall in heavy soils and enough moisture is available in the soil.

SMS ADVISORY

- In view of heavy wind speed, farmers are advised to harvest the matured fruits and vegetables.

CROP SPECIFIC ADVISORY**Select category: crop****Select Type: Paddy**

- The farmers who have taken up paddy nurseries are advised to apply carbofuran 3g granules @ 160 g. per cent of nursery 1 week prior to pulling of the nursery.
- Farmers are advised to apply gypsum @ 4 to 6 kg per cent nursery 1 week before pulling of the nursery to protect the seedlings from root damage.

CROP SPECIFIC ADVISORY**Select category: crop****Select Type: G.Nut**

- Farmers who are taking up Kharif groundnut under irrigated conditions should select varieties like Narayani, Dharani, K-9, ICGV-9114 and varieties like Grishma, Dheeraj, Nityaharitha, K-6 where availability of water is there and should go for seed treatment with Mancozeb 3 g/kg or Tebuconazole @ 1 g/kg of seed.
- Farmers are advised to go for Gypsum application @ 200 kg/acre and do inter cultivation in early sown groundnut crop which is at flowering stage.

Select category:**Select Type: Minor millets****Select variety:**

- Farmers who wish to take up rain fed minor millets are advised take up sowings from June 2nd fortnight to July 1st fortnight.
- Soak the seed for 10-12 hours, shade dry and broadcast the seed in the field at optimum moisture.

Select category:**Select Type:Vegetables****Select variety:**

The present weather conditions are favourable for fruit and shoot borer in brinjal. To control

Clip and destruct the affected branches and fruits

Erect pheromone traps @ 4/ac. and observe the intensity of the pest

Reduce the use of nitrogenous fertilizers and use potash fertilizers compulsory

Spray novaluron 0.75 ml. (or) Emamectin benzoate 0.5 g. (or) Indoxycarb @ 1 ml./L of water.

Select category:**Select Type: livestock****Select variety:**

- Cultivate rainfed cereal-based perennial fodder grasses like Co-4 hybrid Napier, jowar, Co-FS-29/31 and pulse-based cowpea and stylohameta. Cattle should be given a mixture of mineral salts and saltwater for drinking.

Likely impacts of weather warnings (General)

Due to the possibility of thunderstorms, livestock and goats should be kept in safe areas and provided with fodder.

Impact based advisories (General)

In view of heavy winds stake the plants in banana gardens.

AGRO METEOROLOGICAL ADVISORY FOR SPSR-NELLORE DISTRICT

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

In view of thunderstorms, lightening, squall farmers are advised to harvest the matured fruits and vegetables and take care of strong staking in banana gardens.

GENERAL ADVISORY

- Farmers who are taking up kharif groundnut sowings are advised to sow only after receipt of sufficient rainfall *i.e.* 50 mm rainfall in light soils and 60-70 mm rainfall in heavy soils and enough moisture is available in the soil.

SMS ADVISORY

- Farmers who are taking up ragi nurseries and korra sowings are advised to treat the seed with carbendazim @ 2 g. or mancozeb @ 3 g./kg of seed.

Select category:

Select Type: Paddy

Select stage: sowings

Farmers who are taking up transplanting of paddy nurseries are advised to

- To avoid attack of stem borer clip the tips of the leaves before transplanting
- To avoid BPH attack leave 20cm. spacing between the rows
- Apply entire 'P2O5' & 'K2O' as basal and 1/3 'N' as basal during lost puddling.
- Transplant 30-35 days old rice seedlings.
- Leave 20 cm pathways for every 2 mt. of transplanted crop.

CROP SPECIFIC ADVISORY

Select category: crop

Select Type: G.Nut

- Farmers who are taking up Kharif groundnut under irrigated conditions should select varieties like Narayani, Dharani, K-9, ICGV-9114 and varieties like Grishma, Dheeraj, Nityaharitha, K-6 where availability of water is there and should go for seed treatment with Mancozeb 3 g/kg or Tebuconazole @ 1 g/kg of seed.
- Plant population should be maintained at 33 plants/meter
- Farmers are advised to grow 5-6 rows of sorghum or bajra as border crop which will protect the main crop from vectors causing viral diseases.

Select category:

Select Type: Vegetables

Select variety:

The present weather conditions are favourable for fruit and shoot borer in brinjal. To control

Clip and destruct the affected branches and fruits

Erect pheromone traps @ 4/ac. and observe the intensity of the pest

Reduce the use of nitrogenous fertilizers and use potash fertilizers compulsory

Spray novaluron 0.75 ml. (or) Emamectin benzoate 0.5 g. (or) Indoxycarb @ 1 ml./L of water.

Select category:

Select Type: Chilli

Select variety:

- Thrips are likely to occur in chilli crop causing upward and downward leaf curl. To control spray diphenthiuron @ 1.25 g./L of water.

Likely impacts of weather warnings (General)

Due to the possibility of thunderstorms, livestock and goats should be kept in safe areas and provided with fodder.

Impact based advisories (General)

In view of heavy winds stake the plants in banana gardens.

AGRO METEOROLOGICAL ADVISORY FOR YSR KADAPA DISTRICT

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

In view of strong surface winds farmers are advised to harvest the matured fruits and vegetables and take care of strong staking in banana gardens.

GENERAL ADVISORY

Farmers who are taking up rainfed kharif groundnut sowings are advised to sow only after receipt of sufficient rainfall *i.e.* 50 mm rainfall in light soils and 60-70 mm rainfall in heavy soils and enough moisture is available in the soil.

SMS ADVISORY

- Farmers are advised to go for Gypsum application @ 200 kg/acre and do inter cultivation in early sown groundnut crop which is at flowering stage.

CROP SPECIFIC ADVISORY **Select category: crop** **Select Type: Paddy**

Farmers who are taking up transplanting of paddy nurseries are advised to

- To avoid attack of stem borer clip the tips of the leaves before transplanting
- To avoid BPH attack leave 20cm. spacing between the rows
- Apply entire 'P2O5' & 'K2O' as basal and 1/3 'N' as basal during last puddling .
- Transplant 30-35 days old rice seedlings.
- Leave 20 cm pathways for every 2 mt. of transplanted crop.

CROP SPECIFIC ADVISORY **Select category: crop** **Select Type: G.Nut**

- Farmers who are taking up Kharif groundnut under irrigated conditions should select varieties like Narayani, Dharani, K-9, ICGV-9114 and varieties like Grishma, Dheeraj, Nityaharitha, K-6 where availability of water is there and should go for seed treatment with Mancozeb 3 g/kg or Tebuconazole @ 1 g/kg of seed.
- Plant population should be maintained at 33 plants/meter
- Farmers are advised to grow 5-6 rows of sorghum or bajra as border crop which will protect the main crop from vectors causing viral diseases.

Select category: **Select Type: Cotton** **Stage:**

- The present weather conditions are favourable for sucking pests in cotton. To control spray fipronil @ 2 ml./L (or) profenophos @ 2 ml./L of water.

Select category: **Select Type: CITRUS** **Select variety:**

- The present weather conditions are favourable for citrus canker in citrus. To control spray copper oxychloride @ 3 g./L of water + Streptocyclin @ 0.1 g./L of water.
- The present weather conditions are favourable for citrus butterfly in citrus. To control spray Coragen @ 0.3ml./L of water (or) Flubendamide @ 0.25 ml./L of water.

Likely impacts of weather warnings (General)

Due to the possibility of strong surface winds, livestock and goats should be kept in safe areas and provided with fodder.

Impact based advisories (General)

In view of heavy winds stake the plants in banana gardens.

AGRO METEOROLOGICAL ADVISORY FOR ANNAMAYYA DISTRICT

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

In view of strong surface winds farmers are advised to harvest the matured fruits and vegetables and take care of strong staking in banana gardens.

GENERAL ADVISORY

- Farmers who are taking up rainfed kharif groundnut sowings are advised to sow only after receipt of sufficient rainfall *i.e.* 50 mm rainfall in light soils and 60-70 mm rainfall in heavy soils and enough moisture is available in the soil.

SMS ADVISORY

- In view of heavy wind speed, farmers are advised to harvest the matured fruits and vegetables.

CROP SPECIFIC ADVISORY **Select category: crop** **Select Type: G.Nut**

- Farmers who are taking up Kharif groundnut under irrigated conditions should select varieties like Narayani, Dharani, K-9, ICGV-9114 and varieties like Grishma, Dheeraj, Nityaharitha, K-6 where availability of water is there and should go for seed treatment with Mancozeb 3 g/kg or Tebuconazole @ 1 g/kg of seed.
- Farmers who are taking up rainfed kharif groundnut sowings are advised to sow only after receipt of sufficient rainfall *i.e.* 50 mm rainfall in light soils and 60-70 mm rainfall in heavy soils and enough moisture is available in the soil.

CROP SPECIFIC ADVISORY **Select category: crop** **Select Type: Paddy**

Farmers who are taking up transplanting of paddy nurseries are advised to

- To avoid attack of stem borer and leaf folder clip the tips of the leaves before transplanting
- To avoid BPH attack leave 20cm. spacing between the rows
- Apply entire 'P2O5' & 'K2O' as basal and 1/3 'N' as basal during last puddling .
- Transplant 30-35 days old rice seedlings.
- Leave 20 cm pathways for every 2 mt. of transplanted crop.

Select category: **Select Type: Minor millets** **Select variety:**

- Farmers who wish to take up rain fed minor millets are advised take up sowings from June 2nd fortnight to July 1st fortnight.

- Soak the seed for 10-12 hours, shade dry and broadcast the seed in the field at optimum moisture.

Select category: **Select Type:** **Sesame** **Select variety:**

- The farmers are advised to do thinning by leaving 15cm space between plant to plant in summer sown sesame crop. Weeding should be done after 30 days after sowing followed by broadcasting of nitrogen @ 8 kg/acre in sesame crop.

Likely impacts of weather warnings (General)

Due to the possibility of strong surface winds, livestock and goats should be kept in safe areas and provided with fodder.

Impact based advisories (General)

In view of heavy winds stake the plants in banana gardens.

AMFU ANANTHAPURAMU

AGRO METEOROLOGICAL ADVISORY FOR ANANTHAPURAMU & SRI SATHYASAI DISTRICTS

General Advisory:

- Farmers are advised to take up sowings of rainfed crops viz., Groundnut, Redgram, Castor, Cotton and Bajra under sufficient moisture conditions.

SMS Advisory:

Farmers are advised to take up seed treatment for rainfed crops to avoid the initial stages of pest and diseases.

Crop Specific Advisory

Crop (Varieties)	Crop Specific Advisory
Redgram	<ul style="list-style-type: none"> • Farmers are advised to take up tinning after 15 to 20 days to maintain optimum plant population.
Groundnut	<ul style="list-style-type: none"> • The present weather conditions are favourable for collar rot incidence in early sown groundnut crop. Advised to soil drenching of carbendazim + mancozeb @ 2 g per litre of water.
Paddy	<ul style="list-style-type: none"> • Optimum time of sowing for paddy nursery is up to July 15. Suitable varieties are Samba Mashuri, Nandyala Sannalu, Nellore Sona, Nellore Mashuri, Nandyala Sona, M.T.U. 1212, M.T.U. 1280, M.T.U. 1281. • Farmers are advised to take up sowing of rice nurseries and apply 2 kg Nitrogen (4.4 kg Urea), 1 kg of P₂O₅ (6.25 kg of Single super phosphate) and 1 kg of K₂O (1.6 kg Mutate of potash) for a nursery bed of 5 sents.
Castor	<ul style="list-style-type: none"> • Farmers are advised to top dressing of first dose of nitrogen fertilizers (15 kg urea) is recommended at 30 DAS whenever there is soil moisture and also advised to take up tinning to maintain optimum plant population.
Maize	<ul style="list-style-type: none"> • Sowings is under progress under assured irrigation. Sow the crop in ridge and furrow method to with stand excess moisture stress during the vegetative stage and less moisture stress at tasseling and silking stage. • Farmers are advised to monitor incidence of fall army worm in maize by arranging 4 pheromone traps per acre. If the trap catch is more than 10, they are advised to spray neem oil @ 5ml/L of water. Based on the intensity of the pest they can go for spraying of emamectin benzoate @ 0.4 g per liter of water.
Bajra	<ul style="list-style-type: none"> • Farmers are advised to select the varieties viz., ABV 04, Dhanalkshmi, HHB -67, I.C.M.H - 356, Raj 171 and Pusa 61 and PSV 56. Before sowing soak the seed in salt water for 10 minutes to remove ergot if present and then treat the seed with metalaxil @ 6 g/kg seed. Take up seed treatment with Thiram or Captan @ 3 g/kg of seed, seed rate is 1.6 kg/acre and to fallow spacing 45 cm x 15 cm to maintain optimum plant population.
Mango	<ul style="list-style-type: none"> • Farmers are advised to take up pruning after harvesting in mango orchards, dry twigs, diseased branches and irregular branches should be pruned to ensure good air circulation and

	sunlight penetration. After receiving good amount of rainfall, take up sowing of green manure crops in between fruit trees.
Sweet orange	<ul style="list-style-type: none"> Farmers are advised to take up pruning in sweet orange orchards. Dry twigs and irregular branches should be pruned to ensure good air circulation and sunlight penetration. After receiving good amount of rainfall, take up sowing of green manure crops in between fruit trees.
Pomegranate.	<ul style="list-style-type: none"> The present weather conditions are favourable for bacterial leaf blight incidence in pomegranate. For the control spray copper oxy chloride @3.0 g + streptocycline @ 0.5gm/litre water.
Vegetables	<ul style="list-style-type: none"> Farmers are advised to take up root dipping with chlorpyrifos @2.5 ml and carbendazim @3 g per litre of water before transplanting of vegetable crops.
Papaya	<ul style="list-style-type: none"> Farmers are advised to spray zinc sulphate @5.0 g. and borax @1.0 g per litre of water to correct micro nutrient deficiency in papaya.
Banana	<ul style="list-style-type: none"> Farmers are advised to apply recommended dose of fertilizers at 45, 90, 135 and 180 days for long duration varieties and 40, 80, 120 and 160 for short duration varieties after planting in banana.
Livestock	<ul style="list-style-type: none"> Prevailing weather conditions are congenial for the occurrence of bluetongue in sheep & goat. To prevent the diseases, vaccinate the animals.

AGRO METEOROLOGICAL ADVISORY FOR KURNOOL & NANDYAL DISTRICTS

General Advisory:

- If rainfed crops experience drought stress for 10 to 15 days, spray potassium nitrate @ 5.0 grams per liter of water to help them to recover from the stress.

SMS Advisory:

Farmers are advised to take up seed treatment for rainfed crops to avoid the initial stages of pest and diseases.

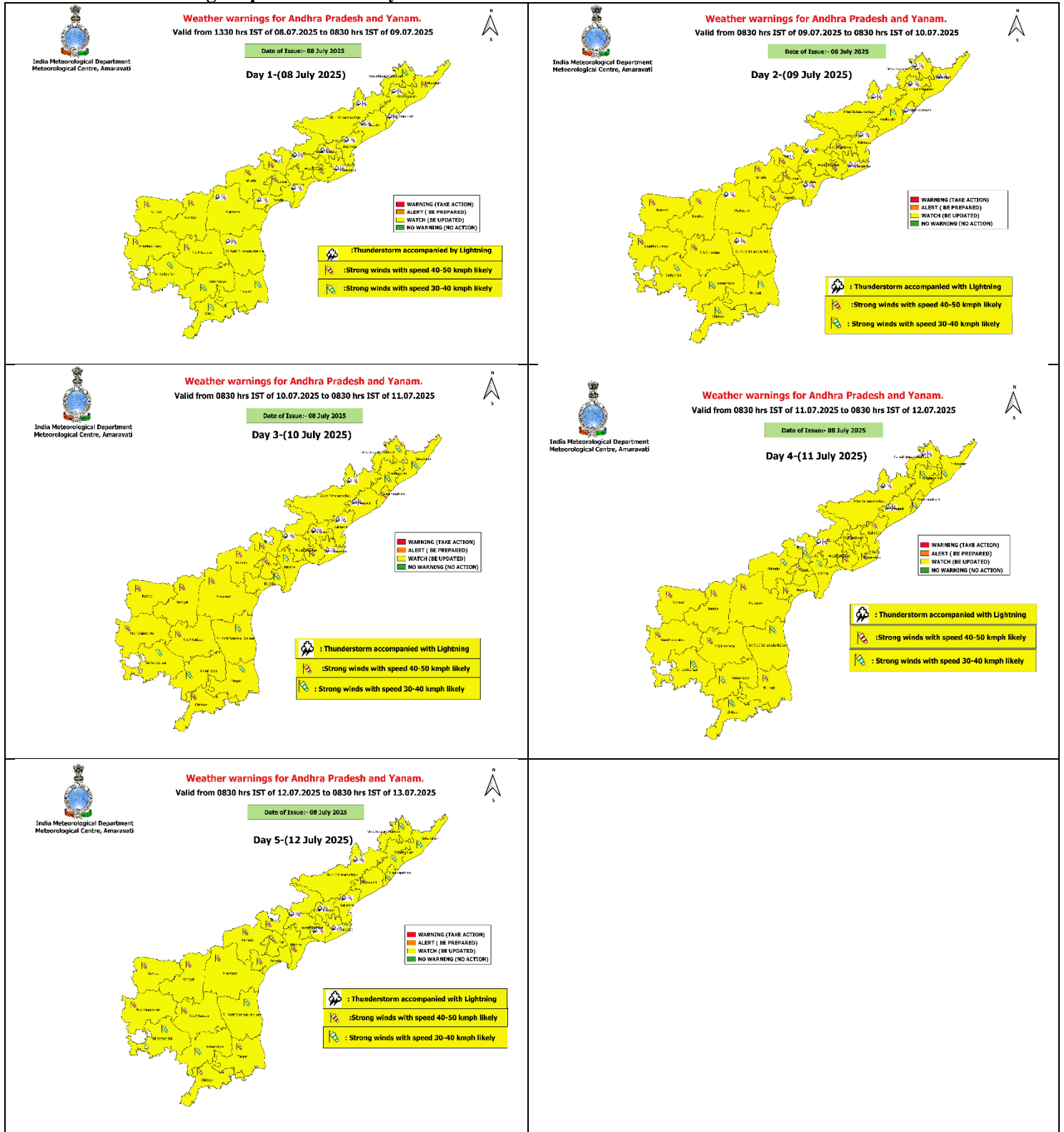
Crop Specific Advisory

Crop (Varieties)	Crop Specific Advisory
Cotton	<ul style="list-style-type: none"> The current weather conditions are favourable for sucking pest incidence. Advised to setting up of yellow sticky traps @ 10 per acre for monitoring whitefly incidence and blue sticky traps @ 10 per acre for monitoring thrips incidence. Based on infestation to spray imidacloprid 17.8 SL @ 0.4 ml/l or thiamethoxam 25 WG @ 0.2 g/litre of water is recommended and take spraying based on local weather conditions. Cotton farmers are advised to spray 19:19:19 @ 5.0 grams per liter of (more than 30 days old plants). Take up spraying operations during early in the morning to avoid spray loss due to strong winds. Top dressing of first dose of nitrogen and potassic fertilizers is recommended at 30 DAS whenever there is soil moisture.
Groundnut	<ul style="list-style-type: none"> The present weather conditions are favourable for collar rot incidence in early sown groundnut crop. Advised to soil drenching of carbendazim + mancozeb @ 2 g per litre of water.
Paddy	<ul style="list-style-type: none"> Optimum time of sowing for paddy nursery is up to July 15. Suitable varieties are Samba Mashuri, Nandyala Sannalu, Nellore Sona, Nellore Mashuri, Nandyala Sona, M.T.U. 1212, M.T.U. 1280, M.T.U. 1281. Farmers are advised to take up sowing of rice nurseries and apply 2 kg Nitrogen (4.4 kg Urea), 1 kg of P₂O₅ (6.25 kg of Single super phosphate) and 1 kg of K₂O (1.6 kg Muriate of potash) for a nursery bed of 5 sents.
Redgram	<ul style="list-style-type: none"> Farmers are advised to take up tinning after 15 to 20 days to maintain optimum plant population.
Castor	<ul style="list-style-type: none"> Farmers are advised to top dressing of first dose of nitrogen fertilizers (15 kg urea) is recommended at 30 DAS whenever there is soil moisture and also advised to take up tinning to

	maintain optimum plant population.
Bajra	<ul style="list-style-type: none"> Farmers are advised to select the varieties viz., ABV 04, Dhanalkshmi, HHB -67, I.C.M.H - 356, Raj 171 and Pusa 61 and PSV 56. Before sowing soak the seed in salt water for 10 minutes to remove ergot if present and then treat the seed with metalaxil @ 6 g/kg seed. Take up seed treatment with Thiram or Captan @ 3 g/kg of seed, seed rate is 1.6 kg/acre and to fallow spacing 45 cm x 15 cm to maintain optimum plant population.
Foxtail millet	<ul style="list-style-type: none"> Farmers are advised to select the suitable varieties viz., Mahanandi, Suryanandi, Renadu, SIA 3156 ect.
Mango	<ul style="list-style-type: none"> Farmers are advised to after harvesting in mango orchards, dry twigs and irregular branches should be pruned to ensure good air circulation and sunlight penetration. Utilizing the available soil moisture, take up sowing of green manure crops in between mango trees.
Chilli	<ul style="list-style-type: none"> The current weather conditions are favorable for the spread of damping off disease in chilli. To prevent this, spray copper oxychloride @ 3.0 g per litre of water after germination of seeds, and again after one week. Seed treatment should be done with mancozeb@ 3 g per kg seed. If symptoms of seedling rot are observed, irrigation should be stopped immediately. Before transplanting, seedlings should be dipped in chemical solution for 5 min (imidacloprid@ 5.0 ml and carbendazim @10 grams per 10 liters of water).
Vegetables	<ul style="list-style-type: none"> Farmers are advised to take up root dipping with chlorpyrifos @2.5 ml and carbendazim @3 g per litre of water before transplanting of vegetable crops.
Livestock	<ul style="list-style-type: none"> Prevailing weather conditions are congenial for the occurrence of bluetongue in sheep & goat. To prevent the diseases, vaccinate the animals.

District-level Weather warnings issued by MC Amaravati

Weather warning maps for next 5 days:

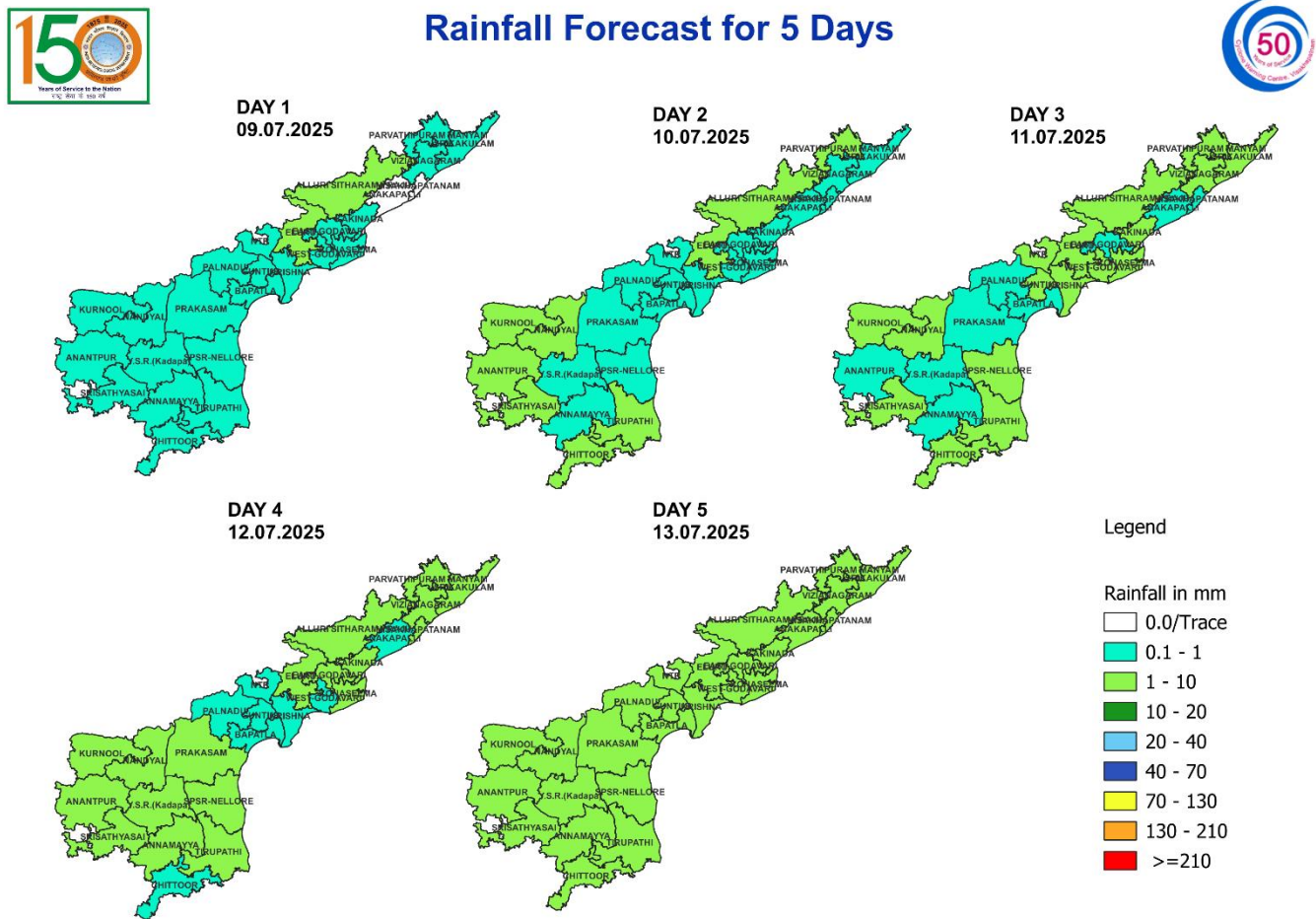


LEGEND:					
Spatial Distribution of Rainfall	Descriptive term used	Criteria for observed/ forecast weather	Probability	Intensity of Rainfall	
Dry	Dry	No Station reported/ expecting rainfall		Very Light rainfall	Trace to 2.4 mm
Isolated	One or two places	≤25% of Stations get/ expected to get rainfall	Unlikely	Light rainfall	2.5 to 15.5 mm
Scattered	At a Few places	(26% to 50%) of Stations get/ expected to get rainfall	Likely	Moderate rainfall	15.6 to 64.4 mm
Fairly Widespread	At Many places	(51% to 75%) of Stations get/ expected to get rainfall	Very likely	Heavy Rainfall	64.5 to 115.5 mm
Wide spread	At Most places	76% to 100% of Stations get/ expected to get rainfall	Most likely	Very Heavy Rainfall	115.6 to 204.4 mm
				Extremely Heavy Rainfall	204.5 mm or more
			WARNINGS		
			RA	Rain	Warning - Take action
			TS	Thunder shower	Alert - Be Prepared
			NLC	No Large Change	Watch - Be Updated
			No Warning - No Action		



Annexure II

Meteorological Subdivision Level Rainfall Weather Forecast for next 5 days (maps):



District Forecast & Warnings for next 5 days:

DISTRICT LEVEL FORECAST FOR ANDHRA PRADESH & YANAM / आंध्र प्रदेश के लिए जिला स्तरीय पूर्वानुमान						
METEOROLOGICAL SUB-DIVISION	NAME OF THE DISTRICTS / जिलों का नाम	WEATHER FORECAST FOR NEXT 5 DAYS / अगले 5 दिनों के लिए मौसम पूर्वानुमान				
		DAY -1 VALID FROM 1300 HRS OF 8-Jul-2025 TO 0830 HOURS IST OF 9-Jul-2025	DAY -2 VALID FROM 0830 HRS OF 9-Jul-2025 TO 0830 HOURS IST OF 10-Jul-2025	DAY -3 VALID FROM 0830 HRS OF 10-Jul-2025 TO 0830 HOURS IST OF 11-Jul-2025	DAY -4 VALID FROM 0830 HRS OF 11-Jul-2025 TO 0830 HOURS IST OF 12-Jul-2025	DAY -5 VALID FROM 0830 HRS OF 12-Jul-2025 TO 0830 HOURS IST OF 13-Jul-2025
NORTH COASTAL ANDHRA PRADESH & YANAM	Srikakulam	ISOLATED	SCATTERED	ISOLATED	ISOLATED	ISOLATED
		Light to Moderate Rain	Light to Moderate Rain/TS	Light Rain	Light Rain	Light to Moderate Rain
		likely	likely	likely	likely	likely
	Parvathipuram Manyam	SCATTERED	SCATTERED	ISOLATED	ISOLATED	ISOLATED
		Light to Moderate Rain	Light to Moderate Rain/TS	Light Rain	Light Rain/TS	Light to Moderate Rain
		likely	likely	likely	likely	likely
	Vizianagaram	SCATTERED	SCATTERED	ISOLATED	ISOLATED	ISOLATED
		Light to Moderate Rain/TS	Light to Moderate Rain/TS	Light Rain	Light Rain	Light to Moderate Rain
		likely	likely	likely	likely	likely
	Visakhapatnam	ISOLATED	ISOLATED	ISOLATED	ISOLATED	ISOLATED
		Light to Moderate Rain/TS	Light to Moderate Rain/TS	Light Rain	Light Rain	Light to Moderate Rain
		likely	likely	likely	likely	likely
	Sri Alluri Sitharamaraju District	SCATTERED	SCATTERED	ISOLATED	ISOLATED	ISOLATED
		Light to Moderate Rain/TS	Light to Moderate Rain/TS	Light to Moderate Rain/TS	Light to Moderate Rain/TS	Light to Moderate Rain/TS
		likely	likely	likely	likely	likely
	Anakapalli	SCATTERED	SCATTERED	ISOLATED	ISOLATED	ISOLATED
		Light to Moderate Rain/TS	Light to Moderate Rain	Light to Moderate Rain/TS	Light to Moderate Rain/TS	Light to Moderate Rain
		likely	likely	likely	likely	likely
	Kakinada	ISOLATED	ISOLATED	ISOLATED	ISOLATED	ISOLATED
		Light to Moderate Rain/TS	Light to Moderate Rain/TS	Light Rain/TS	Light Rain	Light to Moderate Rain/TS
		likely	likely	likely	likely	likely
	East Godavari	SCATTERED	ISOLATED	ISOLATED	ISOLATED	ISOLATED
		Light to Moderate Rain/TS	Light to Moderate Rain	Light to Moderate Rain/TS	Light to Moderate Rain	Light Rain/TS
		likely	likely	likely	likely	likely
	Yanam	ISOLATED	ISOLATED	ISOLATED	ISOLATED	ISOLATED
		Light to Moderate Rain/TS	Light to Moderate Rain/TS	Light Rain/TS	Light Rain	Light to Moderate Rain/TS
		likely	likely	likely	likely	likely
	Dr B.R.Ambedkar Konaseema	ISOLATED	ISOLATED	ISOLATED	ISOLATED	ISOLATED
		Light to Moderate Rain/TS	Light to Moderate Rain/TS	Light to Moderate Rain/TS	Light to Moderate Rain	Light to Moderate Rain/TS
		likely	likely	likely	likely	likely
	Eluru	SCATTERED	SCATTERED	ISOLATED	ISOLATED	ISOLATED
		Light to Moderate Rain/TS	Light to Moderate Rain/TS	Light to Moderate Rain/TS	Light to Moderate Rain/TS	Light to Moderate Rain/TS
		likely	likely	likely	likely	likely
	West Godavari	SCATTERED	ISOLATED	ISOLATED	ISOLATED	ISOLATED
		Light to Moderate Rain	Light to Moderate Rain	Light to Moderate Rain	Light to Moderate Rain	Light to Moderate Rain/TS
		likely	likely	likely	likely	likely

SOUTH COASTAL ANDHRA PRADESH	NTR District	ISOLATED	ISOLATED	ISOLATED	ISOLATED	ISOLATED
		Light to Moderate Rain	Light to Moderate Rain	Light Rain	Light to Moderate Rain	Light to Moderate Rain
		likely	likely	likely	likely	likely
	Krishna	ISOLATED	ISOLATED	ISOLATED	ISOLATED	ISOLATED
		Light to Moderate Rain/TS	Light Rain/TS	Light to Moderate Rain	Light Rain	Light to Moderate Rain
		likely	likely	likely	likely	likely
	Palnadu	ISOLATED	ISOLATED	ISOLATED	ISOLATED	ISOLATED
		Light to Moderate Rain	Light to Moderate Rain	Light to Moderate Rain	Light to Moderate Rain	Light to Moderate Rain
		likely	likely	likely	likely	likely
	Guntur	ISOLATED	ISOLATED	ISOLATED	ISOLATED	ISOLATED
		Light to Moderate Rain	Light to Moderate Rain	Light to Moderate Rain	Light Rain	Light to Moderate Rain
		likely	likely	likely	likely	likely
	Bapatla	ISOLATED	ISOLATED	ISOLATED	ISOLATED	ISOLATED
		Light to Moderate Rain/TS	Light to Moderate Rain	Light to Moderate Rain	Light to Moderate Rain	Light to Moderate Rain
		likely	likely	likely	likely	likely
	Prakasam	ISOLATED	ISOLATED	ISOLATED	ISOLATED	ISOLATED
		Light to Moderate Rain/TS	Light Rain/TS	Light Rain	Light Rain	Light Rain
		likely	likely	likely	likely	likely
	SPSR Nellore	ISOLATED	ISOLATED	ISOLATED	ISOLATED	ISOLATED
		Light to Moderate Rain/TS	Light Rain/TS	Light to Moderate Rain	Light Rain	Light Rain
		likely	likely	likely	likely	likely
RAYALASEEMA	Kumool	DRY	DRY	ISOLATED	ISOLATED	DRY
				Light to Moderate Rain	Light Rain	
				likely	likely	
	Nandyal	ISOLATED	ISOLATED	ISOLATED	ISOLATED	ISOLATED
		Light to Moderate Rain	Light Rain	Light to Moderate Rain	Light to Moderate Rain	Light Rain
		likely	likely	likely	likely	likely
	Anantapuramu	DRY	DRY	DRY	DRY	DRY
	Sri Satyasai District	DRY	DRY	DRY	DRY	DRY
	YSR District	ISOLATED	ISOLATED	ISOLATED	ISOLATED	ISOLATED
		Light Rain	Light Rain	Light Rain	Light to Moderate Rain	Light Rain
		likely	likely	likely	likely	likely
	Annamayya	ISOLATED	ISOLATED	ISOLATED	ISOLATED	ISOLATED
		Light Rain	Light Rain	Light Rain	Light to Moderate Rain	Light Rain
		likely	likely	likely	likely	likely
	Tirupathi	ISOLATED	ISOLATED	ISOLATED	ISOLATED	ISOLATED
		Light to Moderate Rain	Light Rain	Light Rain	Light to Moderate Rain	Light Rain
		likely	likely	likely	likely	likely
	Chittoor	ISOLATED	ISOLATED	DRY	ISOLATED	ISOLATED
		Light Rain	Light Rain		Light Rain	Light Rain
		likely	likely		likely	likely

LEGEND:					
Spatial Distribution of Rainfall	Descriptive term used	Criteria for observed/ forecast weather	Probability	Intensity of Rainfall	
Dry	Dry	No Station reported/ expecting rainfall		Very Light rainfall	Trace to 2.4 mm
Isolated	One or two places	≤25% of Stations get/ expected to get rainfall	Unlikely	Light rainfall	2.5 to 15.5 mm
Scattered	At a Few places	(26% to 50%) of Stations get/ expected to get rainfall	Likely	Moderate rainfall	15.6 to 64.4 mm
Fairly Widespread	At Many places	(51% to 75%) of Stations get/ expected to get rainfall	Very likely	Heavy Rainfall	64.5 to 115.5 mm
Wide spread	At Most places	76% to 100% of Stations get/ expected to get rainfall	Most likely	Very Heavy Rainfall	115.6 to 204.4 mm
				Extremely Heavy Rainfall	204.5 mm or more
		Weather		WARNINGS	
		RA	Rain	Warning - Take action	
		TS	Thunder shower	Alert - Be Prepared	
		NLC	No Large Change	Watch - Be Updated	
				No Warning - No Action	



Heavy Rain



Heavy Snow



Thunderstorm



Dust Storm



Strong Winds



Visibility



Cyclone



Squall/ Hail



Frost



Cold Wave



Heat Wave



Sea State





For Weather Forecast, Warnings & Inference Kindly refer the link below:

<https://mausam.imd.gov.in/amaravati/mcdata/7Dayforecast.pdf>

<https://mausam.imd.gov.in/amaravati/mcdata/apinf.htm>

<https://mausam.imd.gov.in/amaravati/mcdata/aphrw.htm>

For IMD AMARAVATI WEBSITE, INSTAGRAM, TWITTER, FACEBOOK, YOU TUBE links

	Instagram	https://www.instagram.com/mc_amaravati/
	Twitter	https://twitter.com/AmaravatiMc
	Facebook	https://www.facebook.com/MC-Amaravati-IMD-100787794998444/
	Youtube	https://www.youtube.com/channel/UCMhKw9DfBAIcfpacLYVppCw