

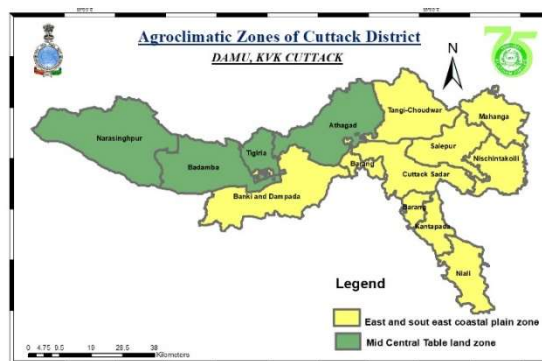


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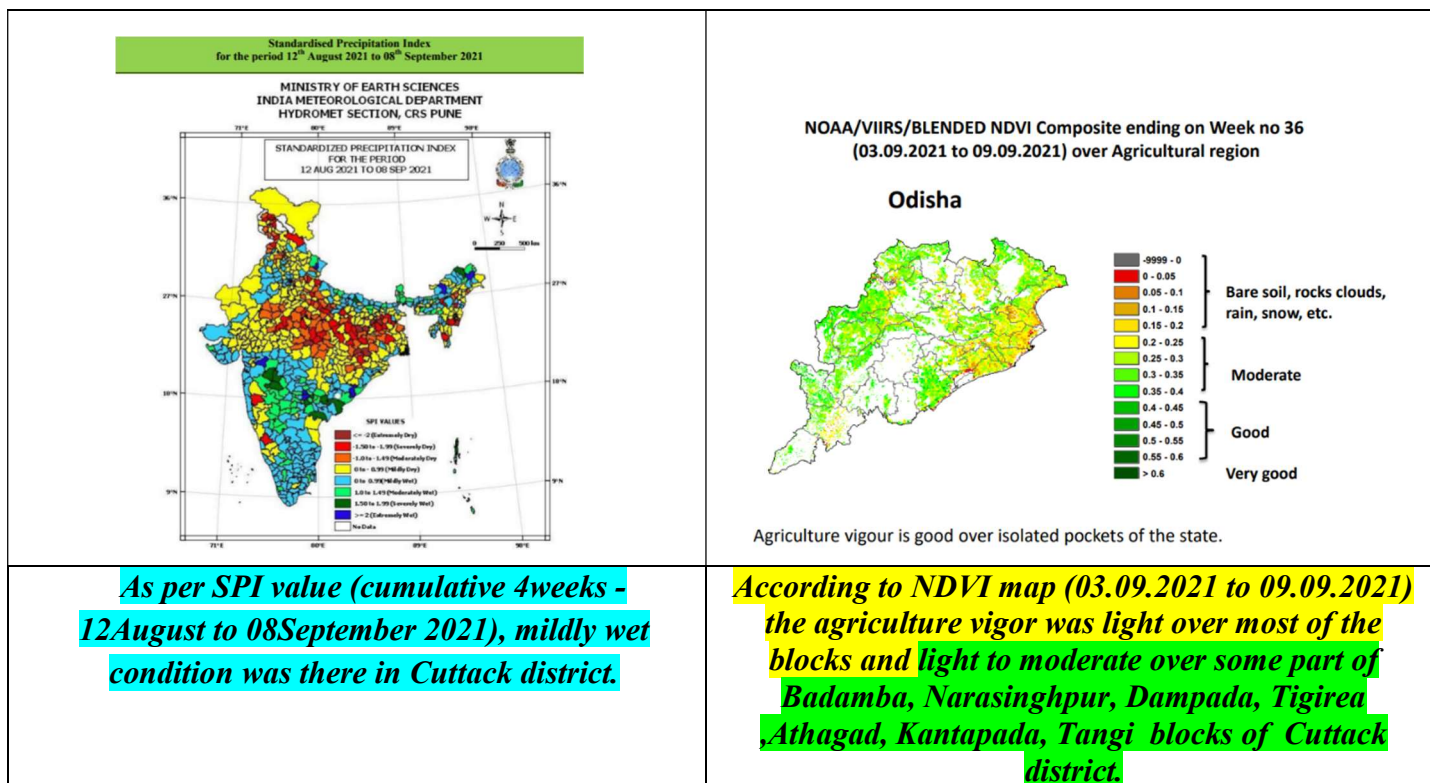


Bulletin No.-228
 Date- 14/09/2021

AGROCLIMATIC ZONES OF CUTTACK DISTRICT:



STANDARD PRECIPITATION INDEX AND NDVI MAP



LEGEND (Medium range block level rainfall forecast)		
	No Rainfall	00 mm
	Very light rainfall	01-05 mm
	Light rainfall	06-10 mm
	Light to moderate rainfall	11-30 mm
	Moderate to heavy rainfall	31-65 mm
	Heavy to very heavy rainfall	66-115 mm
	Extremely heavy rainfall	>116 mm

Dr Sujata Sethy
 (Nodal officer)



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Debasish Jena
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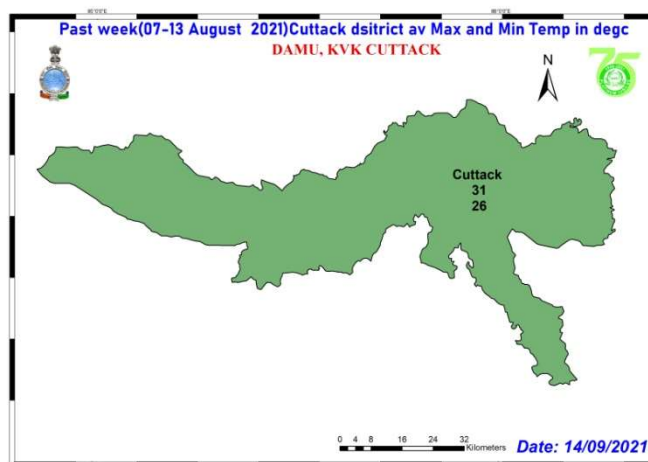
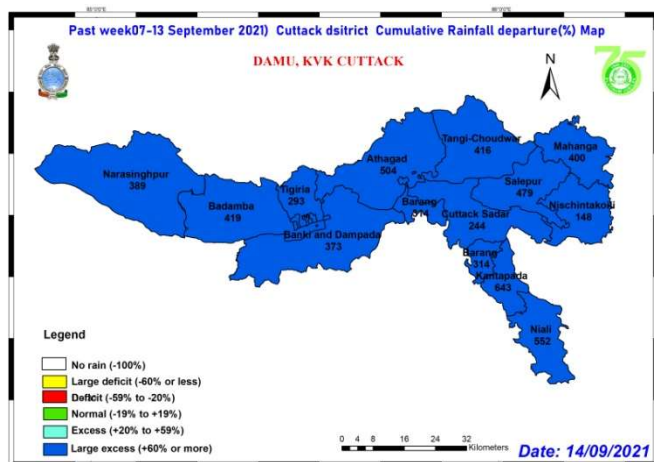


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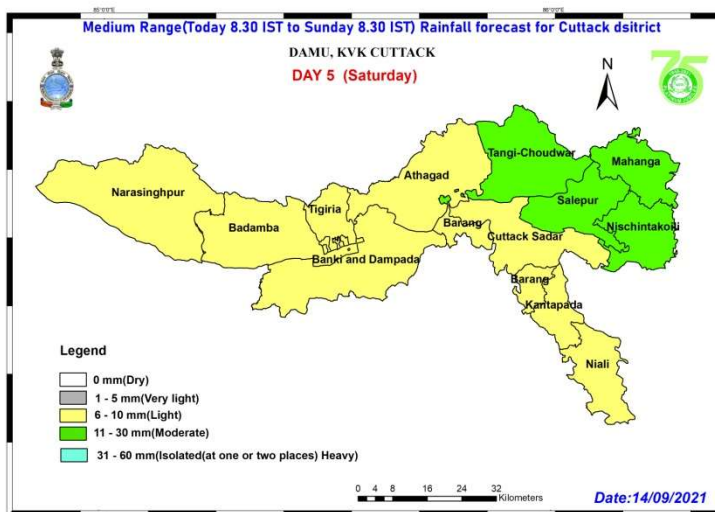
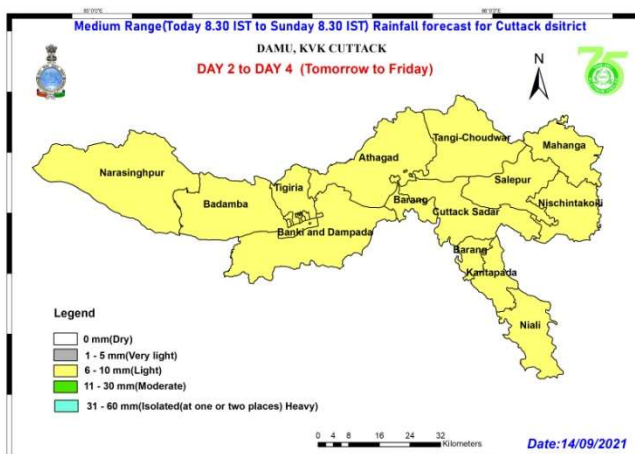
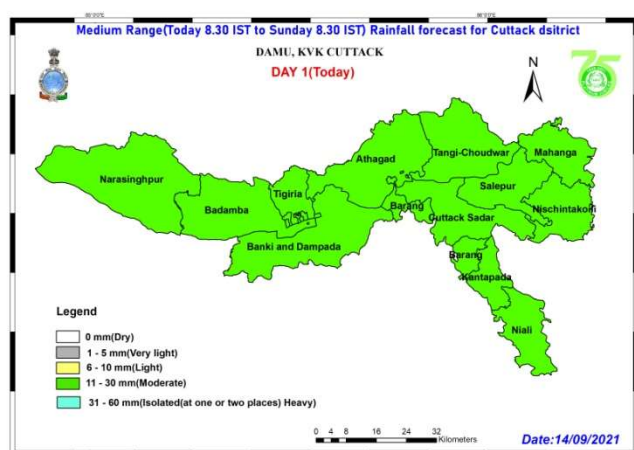


Bulletin No.-228
 Date- 14/09/2021

Past week (07-13 September 2021) Cuttack district Cumulative Rainfall departure (%) and average Temperature map



Medium range (Today (8.30IST) to Sunday (8.30IST)) Rainfall (mm) forecast for Cuttack district



Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-228
Date- 14/09/2021

Weather (Past and Forecasted) based Disease and pest in Major Crops and vegetables

Sl No	Crop	Stage and condition of the crop	Anticipated Disease and pest	
1	Rice	Tillering		Sheath blight
				Bacterial leaf blight
				Sawrming caterpillar
				Stem borer
				Blast
				Stem rot
2	Maize	6-7 week stage		Banded leaf blight
4	Brinjal, tomato, chilli	seedling		Seedling rot
				Stem rot
5	Tomato and brinjal	Fruting		Bacterial wilt

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Bulletin No.-228
Date- 14/09/2021

6	Pointed gourd			Fruit rot
7	Pumpkin(Cucurbits)	Flowering to fruting		Stem and root rot

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Bulletin No.-228
Date- 14/09/2021

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (19 th -25 th September 2021)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	40.68	Above Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	-0.81	Normal
	Minimum temperature	0.04	Normal

General Agromet Advisory:- There will be **above normal rainfall in subsequent week after 5 days (19-25 September 2021) in Odisha condition**, and there will be light to moderate rainfall is forecasted for upcoming 5 days. Farmers are advised to *drain out excess water from the field in the subsequent week and should conserve water (2-3cm) in the field in tillering stage. They are advised to vigil the rice field for monitoring of disease pest like sheath blight, root rot, blast and swarming caterpillar, stem borer, BPH.*

South-west Monsoon rainfall forecast for the month of September, 2021

- The spatial distribution of probabilistic forecasts for the tercile categories (above normal, normal and below normal) for the **September rainfall** is shown in below figure. The spatial distribution suggests that also **above normal rainfall** is likely over many parts of north Odisha.
- Hence Farmers should manage the crop and irrigation activities depending upon the land type, irrigation facility for kharif rice.*

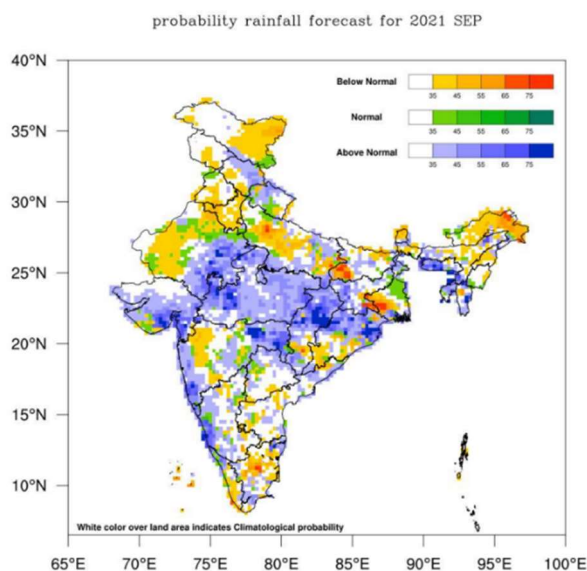


Fig.1. Probability forecast of tercile categories* (below normal, normal, and above normal) for the rainfall over India during September 2021. The figure illustrates the most likely categories as well as their probabilities. The white shaded areas within the land area represent climatological probabilities. The probabilities were derived using the MME forecast prepared from a group of coupled climate models. (*Tercile categories have equal climatological probabilities of 33.33% each).

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Bulletin No.-228
Date- 14/09/2021

AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week average weather condition and Block past week average Rainfall condition

The block received average 47mm and district received average 45mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 26°C, respectively. Mean relative humidity of the district was around 91-86%.

Forecasted period: Today(8.30IST) to 19thSeptember (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for Today and light rainfall is forecasted for other 4days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 29-31°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-97% and 59-68% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/09/2021	16/09/2021	17/09/2021	18/09/2021	19/09/2021
Rainfall (mm)	20	9	8	9	10
T-Max (°C)	30	29	30	31	31
T-Min (°C)	25	26	26	26	25
Cloud Cover (octa)	8	8	8	8	8
RH Max (%)	97	91	85	86	87
RH Min (%)	68	68	62	61	59
Wind Speed (kmph)	12	7	6	8	6
Wind Direction (deg)	158	135	330	259	315

Agro-met Advisory for water logging situations due to heavy to very heavy rain in agricultural fields of Cuttack district

Cumulative weekly 332mm rainfall (504% higher than normal weekly cumulative rainfall) was recorded in the block.

- If water logging like situation will happen in some low land agricultural field of Cuttack district, then it may cause damages in existing crops.
- Farmers are advised to drain out the excess water from their submerged rice field.
- Farmers should stop Urea application in rice field up to receding of submerged water.
- In up and medium land, where there is no scope for revival of rice, go for pre-rabi crops like blackgram, greengram, horsegram, sesame etc after receding of excess water.
- If there is mortality of some hills observe after drain out water from the rice field, then farmers are advised to go for gap filling by using seedlings separated from the existing hills.
- If mortality is more than 50%, farmers are advised to go for retranslating with the available aged seedlings with closer spacing and 4-5 seedlings per hill. In case of non-availability of seedling broadcasting of pre-germinated paddy with short and medium durations are recommended after receding of excess water.
- In case of partially damaged direct seeded rice fields, do not go for beushaning as it may further reduce the plant population. Drain out excess water, remove weeds from the rice field and adjust the plant population by redistribution of hills and top dress N and K to boost the growth after receding of excess water.
- Weed out the rice field, make gap filling and top dress of 4kg N/ac and 3 kg K/ac to boost the growth if Situation permits.
- Regular surveillance work should be taken up in all crops in order to know the incidence of various insect pests and initiate the control strategies.
- To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.
- If there is infection of **sheath blight**, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g/litre of water or Hexaconazole 5% @ 2 ml/litre of water in sunny days. Repeat the spray after 7-10 days.
- In case of **stem rot**, spray the basal portion of the crop with 3gram mancozeb or 2gram carbendazim per one liter water after drying the weather.
- If **swarming caterpillar** observed in field, spray Chloropyriphos 20% EC @ 2.5 ml/litre of water sky becomes clear.
- After cessation of flashflood, there is chances of outbreak **blast disease** in paddy, apply Tricyclazole 75% WP @ 120 g/acre.
- Do not keep the stagnant water in the field. Provide drainage facility. Past rainy and humid weather favours infestation of Banded leaf blight in maize. To control this spray Validamycin 3.0%SL or Hexaconazole 5.0%EC 400ml/200ltr water for one acre.
- Due to heavy rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Brinjal, tomato and chilli seedlings should be planted in the main field. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Higher incidence of diseases in livestock and poultry likely to be observe after post flood situation. So, suitable vaccination should be done with the consultation with district veterinary officials.

Note: Contact nearby KVK Scientist or State Agriculture Officer for necessary help and suggestions.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-228
Date- 14/09/2021

AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 39mm and district received average 45mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 26°C, respectively. Mean relative humidity of the district was around 91-86%.

Forecasted period: Today(8.30IST) to 19thSeptember (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for Today and light rainfall is forecasted for other 4 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 30°C and night temperature will be 25°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-96% and 64-69% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/09/2021	16/09/2021	17/09/2021	18/09/2021	19/09/2021
Rainfall(mm)	20	9	8	9	10
T-Max(°C)	30	30	30	30	30
T-Min(°C)	25	25	25	25	25
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	96	90	86	87	88
RH Min (%)	69	66	64	67	66
Wind Speed (Kmph)	11	5	6	7	6
Wind Direction (deg)	158	146	297	261	297

Agro-met Advisory for water logging situations due to heavy to very heavy rain in agricultural fields of Cuttack district

Cumulative weekly 270mm rainfall (419% higher than normal weekly cumulative rainfall) was recorded in the block.

- If water logging like situation will happen in some low land agricultural field of Cuttack district, then it may cause damages in existing crops.
- Farmers are advised to drain out the excess water from their submerged rice field.
- Farmers should stop Urea application in rice field up to receding of submerged water.
- In up and medium land, where there is no scope for revival of rice, go for pre-rabi crops like blackgram, greengram, horsegram, sesame etc after receding of excess water.
- If there is mortality of some hills observe after drain out water from the rice field, then farmers are advised to go for gap filling by using seedlings separated from the existing hills.
- If mortality is more than 50%, farmers are advised to go for retranslating with the available aged seedlings with closer spacing and 4-5 seedlings per hill. In case of non-availability of seedling broadcasting of pre-germinated paddy with short and medium durations are recommended after receding of excess water.
- In case of partially damaged direct seeded rice fields, do not go for beushaning as it may further reduce the plant population. Drain out excess water, remove weeds from the rice field and adjust the plant population by redistribution of hills and top dress N and K to boost the growth after receding of excess water.
- Weed out the rice field, make gap filling and top dress of 4kg N/ac and 3 kg K/ac to boost the growth if Situation permits.
- Regular surveillance work should be taken up in all crops in order to know the incidence of various insect pests and initiate the control strategies.
- To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.
- If there is infection of **sheath blight**, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g/litre of water or Hexaconazole 5% @ 2 ml/litre of water in sunny days. Repeat the spray after 7-10 days.
- In case of **stem rot**, spray the basal portion of the crop with 3gram mancozeb or 2gram carbendazim per one liter water after drying the weather.
- If **swarming caterpillar** observed in field, spray Chloropyrifos 20% EC @ 2.5 ml/litre of water sky becomes clear.
- After cessation of flashflood, there is chances of outbreak **blast disease** in paddy, apply Tricyclazole 75% WP @ 120 g/acre.
- Do not keep the stagnant water in the field. Provide drainage facility. Past rainy and humid weather favours infestation of Banded leaf blight in maize. To control this spray Validamycin 3.0%SL or Hexaconazole 5.0%EC 400ml/200ltr water for one acre.
- Due to heavy rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin + Thiram @ 400g or Metalaxyl 8% + Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Brinjal, tomato and chilli seedlings should be planted in the main field. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Higher incidence of diseases in livestock and poultry likely to be observe after post flood situation. So, suitable vaccination should be done with the consultation with district veterinary officials.

Note: Contact nearby KVK Scientist or State Agriculture Officer for necessary help and suggestions.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-228
Date- 14/09/2021

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 45mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 26°C, respectively. Mean relative humidity of the district was around 91-86%.

Forecasted period: Today(8.30IST) to 19thSeptember (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for Today and light rainfall is forecasted for other 4days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 29-31°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-96% and 60-67% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/09/2021	16/09/2021	17/09/2021	18/09/2021	19/09/2021
Rainfall(mm)	22	7	7	8	10
T-Max(°C)	30	29	30	31	30
T-Min(°C)	25	26	25	25	25
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	96	89	84	85	87
RH Min (%)	67	67	60	63	62
Wind Speed (Kmph)	12	6	6	8	7
Wind Direction (deg)	159	150	315	255	293

Agro-met Advisory for water logging situations due to heavy to very heavy rain in agricultural fields of Cuttack district

- If water logging like situation will happen in some low land agricultural field of Cuttack district, then it may cause damages in existing crops.
- Farmers are advised to drain out the excess water from their submerged rice field.
- Farmers should stop Urea application in rice field up to receding of submerged water.
- In up and medium land, where there is no scope for revival of rice, go for pre-rabi crops like blackgram, greengram, horsegram, sesame etc after receding of excess water.
- If there is mortality of some hills observe after drain out water from the rice field, then farmers are advised to go for gap filling by using seedlings separated from the existing hills.
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- In case of **stem rot**, spray the basal portion of the crop with 3gram mancozeb or 2gram carbendazim per one liter water after drying the weather.
- If **swarming caterpillar** observed in field, spray Chloropyrriphos 20% EC @ 2.5 ml/litre of water sky becomes clear.
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- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Brinjal, tomato and chilli seedlings should be planted in the main field. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Higher incidence of diseases in livestock and poultry likely to be observe after post flood situation. So, suitable vaccination should be done with the consultation with district veterinary officials.

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Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-228
Date- 14/09/2021

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 58mm and district received average 45mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 26°C, respectively. Mean relative humidity of the district was around 91-86%.

Forecasted period: Today(8.30IST) to 19thSeptember (8.30IST)2021

Weather Advisory: Moderate rainfall is forecasted for Today and light rainfall is forecasted for other 4 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 29-31°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-96% and 60-68% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/09/2021	16/09/2021	17/09/2021	18/09/2021	19/09/2021
Rainfall(mm)	22	10	7	8	10
T-Max(°C)	30	29	30	31	31
T-Min(°C)	25	26	25	25	25
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	96	89	84	85	87
RH Min (%)	67	68	60	63	62
Wind Speed (Kmph)	12	6	6	8	6
Wind Direction (deg)	159	155	315	255	293

Agro-met Advisory for water logging situations due to heavy to very heavy rain in agricultural fields of Cuttack district

Cumulative weekly 407mm rainfall (373% higher than normal weekly cumulative rainfall) was recorded in the block.

- If water logging like situation will happen in some low land agricultural field of Cuttack district, then it may cause damages in existing crops.
- Farmers are advised to drain out the excess water from their submerged rice field.
- Farmers should stop Urea application in rice field up to receding of submerged water.
- In up and medium land, where there is no scope for revival of rice, go for pre-rabi crops like blackgram, greengram, horsegram, sesame etc after receding of excess water.
- If there is mortality of some hills observe after drain out water from the rice field, then farmers are advised to go for gap filling by using seedlings separated from the existing hills.
- If mortality is more than 50%, farmers are advised to go for retranslating with the available aged seedlings with closer spacing and 4-5 seedlings per hill. In case of non-availability of seedling broadcasting of pre-germinated paddy with short and medium durations are recommended after receding of excess water.
- In case of partially damaged direct seeded rice fields, do not go for beushaning as it may further reduce the plant population. Drain out excess water, remove weeds from the rice field and adjust the plant population by redistribution of hills and top dress N and K to boost the growth after receding of excess water.
- Weed out the rice field, make gap filling and top dress of 4kg N/ac and 3 kg K/ac to boost the growth if Situation permits.
- Regular surveillance work should be taken up in all crops in order to know the incidence of various insect pests and initiate the control strategies.
- To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.
- If there is infection of **sheath blight**, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g/litre of water or Hexaconazole 5% @ 2 ml/litre of water in sunny days. Repeat the spray after 7-10 days.
- In case of **stem rot**, spray the basal portion of the crop with 3gram mancozeb or 2gram carbendazim per one liter water after drying the weather.
- If **swarming caterpillar** observed in field, spray Chloropyriphos 20% EC @ 2.5 ml/litre of water sky becomes clear.
- After cessation of flashflood, there is chances of outbreak **blast disease** in paddy, apply Tricyclazole 75% WP @ 120 g/acre.
- Do not keep the stagnant water in the field. Provide drainage facility. Past rainy and humid weather favours infestation of Banded leaf blight in maize. To control this spray Validamycin 3.0%SL or Hexaconazole 5.0%EC 400ml/200ltr water for one acre.
- Due to heavy rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline@20g with Carboxin+Thiram @400g or Metalaxyl 8%+Mancozeb 64% WP @400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Brinjal, tomato and chilli seedlings should be planted in the main field. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Higher incidence of diseases in livestock and poultry likely to be observe after post flood situation. So, suitable vaccination should be done with the consultation with district veterinary officials.

Note: Contact nearby KVK Scientist or State Agriculture Officer for necessary help and suggestions.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-228
Date- 14/09/2021

AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 33mm and district received average 45mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 26°C, respectively. Mean relative humidity of the district was around 91-86%.

Forecasted period: Today(8.30IST) to 19thSeptember(8.30IST)2021

Weather advisory: Moderate rainfall is forested for Today and light rainfall is forecasted for other 4days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 29-32°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-96% and 55-69% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Baranga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/09/2021	16/09/2021	17/09/2021	18/09/2021	19/09/2021
Rainfall(mm)	19	8	7	8	10
T-Max(°C)	30	29	32	32	31
T-Min(°C)	25	26	26	26	26
Cloud Cover	8	8	8	8	8
RH Max (%)	96	92	85	85	86
RH Min (%)	67	69	56	55	56
Wind Speed (Kmph)	12	7	6	8	7
Wind Direction (deg)	159	163	330	315	315

Agro-met Advisory for water logging situations due to heavy to very heavy rain in agricultural fields of Cuttack district

• Cumulative weekly 232mm rainfall (314% higher than normal weekly cumulative rainfall) was recorded in the block.

- If water logging like situation will happen in some low land agricultural field of Cuttack district, then it may cause damages in existing crops.
- Farmers are advised to drain out the excess water from their submerged rice field.
- Farmers should stop Urea application in rice field up to receding of submerged water.
- In up and medium land, where there is no scope for revival of rice, go for pre-rabi crops like blackgram, greengram, horsegram, sesame etc after receding of excess water.
- If there is mortality of some hills observe after drain out water from the rice field, then farmers are advised to go for gap filling by using seedlings separated from the existing hills.
- If mortality is more than 50%, farmers are advised to go for retranslating with the available aged seedlings with closer spacing and 4-5 seedlings per hill. In case of non-availability of seedling broadcasting of pre-germinated paddy with short and medium durations are recommended after receding of excess water.
- In case of partially damaged direct seeded rice fields, do not go for beushaning as it may further reduce the plant population. Drain out excess water, remove weeds from the rice field and adjust the plant population by redistribution of hills and top dress N and K to boost the growth after receding of excess water.
- Weed out the rice field, make gap filling and top dress of 4kg N/ac and 3 kg K/ac to boost the growth if Situation permits.
- Regular surveillance work should be taken up in all crops in order to know the incidence of various insect pests and initiate the control strategies.
- To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.
- If there is infection of **sheath blight**, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g/litre of water or Hexaconazole 5% @ 2 ml/litre of water in sunny days. Repeat the spray after 7-10 days.
- In case of **stem rot**, spray the basal portion of the crop with 3gram mancozeb or 2gram carbendazim per one liter water after drying the weather.
- If **swarming caterpillar** observed in field, spray Chloropyriphos 20% EC @ 2.5 ml/litre of water sky becomes clear.
- After cessation of flashflood, there is chances of outbreak **blast disease** in paddy, apply Tricyclazole 75% WP @ 120 g/acre.
- Do not keep the stagnant water in the field. Provide drainage facility. Past rainy and humid weather favours infestation of Banded leaf blight in maize. To control this spray Validamycin 3.0%SL or Hexaconazole 5.0%EC 400ml/200ltr water for one acre.
- Due to heavy rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline@20g with Carboxin+Thiram @400g or Metalaxyl 8%+Mancozeb 64% WP @400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Brinjal, tomato and chilli seedlings should be planted in the main field. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Higher incidence of diseases in livestock and poultry likely to be observe after post flood situation. So, suitable vaccination should be done with the consultation with district veterinary officials.

Note: Contact nearby KVK Scientist or State Agriculture Officer for necessary help and suggestions.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-228
Date- 14/09/2021

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

District Past week average weather condition and Block past week average Rainfall condition

The block received average 35mm and district received average 45mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 26°C, respectively. Mean relative humidity of the district was around 91-86%.

Forecasted period: Today(8.30IST) to 19thSeptember (8.30IST)2021

Weather advisory: **Moderate rainfall is forecasted for Today and light rainfall is forecasted for other 4days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.** The day temperature will be 28-32°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-96% and 55-69% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/09/2021	16/09/2021	17/09/2021	18/09/2021	19/09/2021
Rainfall(mm)	20	9	7	8	10
T-Max(°C)	30	28	31	32	31
T-Min(°C)	25	26	26	26	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	96	91	85	86	86
RH Min (%)	68	69	57	56	55
Wind Speed (Kmph)	12	7	5	8	6
Wind Direction (deg)	158	160	330	293	315

Agro-met Advisory for water logging situations due to heavy to very heavy rain in agricultural fields of Cuttack district

• Cumulative weekly 244mm rainfall (244% higher than normal weekly cumulative rainfall) was recorded in the block.

- If water logging like situation will happen in some low land agricultural field of Cuttack district, then it may cause damages in existing crops.
- Farmers are advised to drain out the excess water from their submerged rice field.
- Farmers should stop Urea application in rice field up to receding of submerged water.
- In up and medium land, where there is no scope for revival of rice, go for pre-rabi crops like blackgram, greengram, horsegram, sesame etc after receding of excess water.
- If there is mortality of some hills observe after drain out water from the rice field, then farmers are advised to go for gap filling by using seedlings separated from the existing hills.
- If mortality is more than 50%, farmers are advised to go for retranslating with the available aged seedlings with closer spacing and 4-5 seedlings per hill. In case of non-availability of seedling broadcasting of pre-germinated paddy with short and medium durations are recommended after receding of excess water.
- In case of partially damaged direct seeded rice fields, do not go for beushaning as it may further reduce the plant population. Drain out excess water, remove weeds from the rice field and adjust the plant population by redistribution of hills and top dress N and K to boost the growth after receding of excess water.
- Weed out the rice field, make gap filling and top dress of 4kg N/ac and 3 kg K/ac to boost the growth if Situation permits.
- Regular surveillance work should be taken up in all crops in order to know the incidence of various insect pests and initiate the control strategies.
- To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.
- If there is infection of **sheath blight**, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g/litre of water or Hexaconazole 5% @ 2 ml/litre of water in sunny days. Repeat the spray after 7-10 days.
- In case of **stem rot**, spray the basal portion of the crop with 3gram mancozeb or 2gram carbendazim per one liter water after drying the weather.
- If **swarming caterpillar** observed in field, spray Chloropyriphos 20% EC @ 2.5 ml/litre of water sky becomes clear.
- After cessation of flashflood, there is chances of outbreak **blast disease** in paddy, apply Tricyclazole 75% WP @ 120 g/acre.
- Do not keep the stagnant water in the field. Provide drainage facility. Past rainy and humid weather favours infestation of Banded leaf blight in maize. To control this spray Validamycin 3.0%SL or Hexaconazole 5.0%EC 400ml/200ltr water for one acre.
- Due to heavy rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Brinjal, tomato and chilli seedlings should be planted in the main field. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Higher incidence of diseases in livestock and poultry likely to be observe after post flood situation. So, suitable vaccination should be done with the consultation with district veterinary officials.

Note: Contact nearby KVK Scientist or State Agriculture Officer for necessary help and suggestions.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-228
Date- 14/09/2021

AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 72mm and district received average 45mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 26°C, respectively. Mean relative humidity of the district was around 91-86%.

Forecasted period: Today(8.30IST) to 19thSeptember (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for Today and light rainfall is forecasted for other 4days in the block. The day temperature will be 29-32°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-95% and 53-69% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/09/2021	16/09/2021	17/09/2021	18/09/2021	19/09/2021
Rainfall(mm)	24	8	8	10	10
T-Max(°C)	30	29	32	32	31
T-Min(°C)	25	26	26	25	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	95	92	86	85	86
RH Min (%)	69	68	55	53	58
Wind Speed (Kmph)	12	7	5	8	7
Wind Direction (deg)	159	180	243	315	306

Agro-met Advisory for water logging situations due to heavy to very heavy rain in agricultural fields of Cuttack district

Cumulative weekly 505mm rainfall (643% higher than normal weekly cumulative rainfall) was recorded in the block.

- If water logging like situation will happen in some low land agricultural field of Cuttack district, then it may cause damages in existing crops.
- Farmers are advised to drain out the excess water from their submerged rice field.
- Farmers should stop Urea application in rice field up to receding of submerged water.
- In up and medium land, where there is no scope for revival of rice, go for pre-rabi crops like blackgram, greengram, horsegram, sesame etc after receding of excess water.
- If there is mortality of some hills observe after drain out water from the rice field, then farmers are advised to go for gap filling by using seedlings separated from the existing hills.
- If mortality is more than 50%, farmers are advised to go for retranslating with the available aged seedlings with closer spacing and 4-5 seedlings per hill. In case of non-availability of seedling broadcasting of pre-germinated paddy with short and medium durations are recommended after receding of excess water.
- In case of partially damaged direct seeded rice fields, do not go for beushaning as it may further reduce the plant population. Drain out excess water, remove weeds from the rice field and adjust the plant population by redistribution of hills and top dress N and K to boost the growth after receding of excess water.
- Weed out the rice field, make gap filling and top dress of 4kg N/ac and 3 kg K/ac to boost the growth if Situation permits.
- Regular surveillance work should be taken up in all crops in order to know the incidence of various insect pests and initiate the control strategies.
- To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.
- If there is infection of **sheath blight**, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g/litre of water or Hexaconazole 5% @ 2 ml/litre of water in sunny days. Repeat the spray after 7-10 days.
- In case of **stem rot**, spray the basal portion of the crop with 3gram mancozeb or 2gram carbendazim per one liter water after drying the weather.
- If **swarming caterpillar** observed in field, spray Chloropyriphos 20% EC @ 2.5 ml/litre of water sky becomes clear.
- After cessation of flashflood, there is chances of outbreak **blast disease** in paddy, apply Tricyclazole 75% WP @ 120 g/acre.
- Do not keep the stagnant water in the field. Provide drainage facility. Past rainy and humid weather favours infestation of Banded leaf blight in maize. To control this spray Validamycin 3.0%SL or Hexaconazole 5.0%EC 400ml/200ltr water for one acre.
- Due to heavy rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin + Thiram @ 400g or Metalaxyl 8% + Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Brinjal, tomato and chilli seedlings should be planted in the main field. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Higher incidence of diseases in livestock and poultry likely to be observe after post flood situation. So, suitable vaccination should be done with the consultation with district veterinary officials.

Note: Contact nearby KVK Scientist or State Agriculture Officer for necessary help and suggestions.

Dr Sujata Sathy
(Nodal officer)



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Bulletin No.-228
Date- 14/09/2021

AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 60mm and district received average 45mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 26°C, respectively. Mean relative humidity of the district was around 91-86%.

Forecasted period: Today(8.30IST) to 19thSeptember (8.30IST)2021

Weather advisory: **Moderate rainfall is forecasted for Today and Saturday and light rainfall is forecasted for other 3days in the block.** The day temperature will be and it will be 28-32°C and night temperature will be 25°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-95% and 51-70% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/09/2021	16/09/2021	17/09/2021	18/09/2021	19/09/2021
Rainfall(mm)	25	6	8	9	12
T-Max(°C)	30	28	32	32	31
T-Min(°C)	25	25	25	25	25
Cloud Cover(octal)	8	8	8	8	8
RH Max (%)	95	92	87	86	86
RH Min (%)	70	69	56	51	53
Wind Speed (Kmph)	11	8	6	7	5
Wind Direction (deg)	159	167	225	270	360

Agro-met Advisory for water logging situations due to heavy to very heavy rain in agricultural fields of Cuttack district

• Cumulative weekly 420mm rainfall (400% higher than normal weekly cumulative rainfall) was recorded in the block.

- If water logging like situation will happen in some low land agricultural field of Cuttack district, then it may cause damages in existing crops.
- Farmers are advised to drain out the excess water from their submerged rice field.
- Farmers should stop Urea application in rice field up to receding of submerged water.
- In up and medium land, where there is no scope for revival of rice, go for pre-rabi crops like blackgram, greengram, horsegram, sesame etc after receding of excess water.
- If there is mortality of some hills observe after drain out water from the rice field, then farmers are advised to go for gap filling by using seedlings separated from the existing hills.
- If mortality is more than 50%, farmers are advised to go for retranslating with the available aged seedlings with closer spacing and 4-5 seedlings per hill. In case of non-availability of seedling broadcasting of pre-germinated paddy with short and medium durations are recommended after receding of excess water.
- In case of partially damaged direct seeded rice fields, do not go for beushaning as it may further reduce the plant population. Drain out excess water, remove weeds from the rice field and adjust the plant population by redistribution of hills and top dress N and K to boost the growth after receding of excess water.
- Weed out the rice field, make gap filling and top dress of 4kg N/ac and 3 kg K/ac to boost the growth if Situation permits.
- Regular surveillance work should be taken up in all crops in order to know the incidence of various insect pests and initiate the control strategies.
- To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.
- If there is infection of **sheath blight**, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g/litre of water or Hexaconazole 5% @ 2 ml/litre of water in sunny days. Repeat the spray after 7-10 days.
- In case of **stem rot**, spray the basal portion of the crop with 3gram mancozeb or 2gram carbendazim per one liter water after drying the weather.
- If **swarming caterpillar** observed in field, spray Chloropyriphos 20% EC @ 2.5 ml/litre of water sky becomes clear.
- After cessation of flashflood, there is chances of outbreak **blast disease** in paddy, apply Tricyclazole 75% WP @ 120 g/acre.
- Do not keep the stagnant water in the field. Provide drainage facility. Past rainy and humid weather favours infestation of Banded leaf blight in maize. To control this spray Validamycin 3.0%SL or Hexaconazole 5.0%EC 400ml/200ltr water for one acre.
- Due to heavy rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin + Thiram @ 400g or Metalaxyl 8% + Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Brinjal, tomato and chilli seedlings should be planted in the main field. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Higher incidence of diseases in livestock and poultry likely to be observe after post flood situation. So, suitable vaccination should be done with the consultation with district veterinary officials.

Note: Contact nearby KVK Scientist or State Agriculture Officer for necessary help and suggestions.

Dr Sujata Sathy
(Nodal officer)



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Bulletin No.-228
Date- 14/09/2021

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

District Past week average weather condition and Block past week average Rainfall condition

The block received average 37mm and district received average 45mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 26°C, respectively. Mean relative humidity of the district was around 91-86%.

Forecasted period: Today(8.30IST) to 19thSeptember (8.30IST)2021

Weatheradvisory: Moderate rainfall is forested for Today and light rainfall is forecasted for other 4days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 29°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-96% and 65-71% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Narasinghpur(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/09/2021	16/09/2021	17/09/2021	18/09/2021	19/09/2021
Rainfall(mm)	13	8	8	7	9
T-Max(°C)	29	29	29	29	29
T-Min(°C)	24	24	24	24	23
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	96	92	87	89	89
RH Min (%)	71	67	69	68	65
Wind Speed (Kmph)	7	3	5	6	5
Wind Direction (deg)	118	124	290	261	279

Agro-met Advisory for water logging situations due to heavy to very heavy rain in agricultural fields of Cuttack district

• Cumulative weekly 259mm rainfall (389% higher than normal weekly cumulative rainfall) was recorded in the block.

- If water logging like situation will happen in some low land agricultural field of Cuttack district, then it may cause damages in existing crops.
- Farmers are advised to drain out the excess water from their submerged rice field.
- Farmers should stop Urea application in rice field up to receding of submerged water.
- In up and medium land, where there is no scope for revival of rice, go for pre-rabi crops like blackgram, greengram, horsegram, sesame etc after receding of excess water.
- If there is mortality of some hills observe after drain out water from the rice field, then farmers are advised to go for gap filling by using seedlings separated from the existing hills.
- If mortality is more than 50%, farmers are advised to go for retranslating with the available aged seedlings with closer spacing and 4-5 seedlings per hill. In case of non-availability of seedling broadcasting of pre-germinated paddy with short and medium durations are recommended after receding of excess water.
- In case of partially damaged direct seeded rice fields, do not go for beushaning as it may further reduce the plant population. Drain out excess water, remove weeds from the rice field and adjust the plant population by redistribution of hills and top dress N and K to boost the growth after receding of excess water.
- Weed out the rice field, make gap filling and top dress of 4kg N/ac and 3 kg K/ac to boost the growth if Situation permits.
- Regular surveillance work should be taken up in all crops in order to know the incidence of various insect pests and initiate the control strategies.
- To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.
- If there is infection of **sheath blight**, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g/litre of water or Hexaconazole 5% @ 2 ml/litre of water in sunny days. Repeat the spray after 7-10 days.
- In case of **stem rot**, spray the basal portion of the crop with 3gram mancozeb or 2gram carbendazim per one liter water after drying the weather.
- If **swarming caterpillar** observed in field, spray Chloropyrriphos 20% EC @ 2.5 ml/litre of water sky becomes clear.
- After cessation of flashflood, there is chances of outbreak **blast disease** in paddy, apply Tricyclazole 75% WP @ 120 g/acre.
- Do not keep the stagnant water in the field. Provide drainage facility. Past rainy and humid weather favours infestation of Banded leaf blight in maize. To control this spray Validamycin 3.0%SL or Hexaconazole 5.0%EC 400ml/200ltr water for one acre.
- Due to heavy rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline@20g with Carboxin+Thiram @400g or Metalaxyl 8%+Mancozeb 64% WP @400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Brinjal, tomato and chilli seedlings should be planted in the main field. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Higher incidence of diseases in livestock and poultry likely to be observe after post flood situation. So, suitable vaccination should be done with the consultation with district veterinary officials.

Note: Contact nearby KVK Scientist or State Agriculture Officer for necessary help and suggestions.

Dr Sujata Sethy
(Nodal officer)



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Debasish Jena

SMS (Agrometeorology)

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GRAMIN KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
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AGROMET ADVISORY BULLETIN FOR NIALI



Bulletin No.-228

Date- 14/09/2021

District Past week average weather condition and Block past week average Rainfall condition

The block received average 70mm and district received average 45mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 26°C, respectively. Mean relative humidity of the district was around 91-86%.

Forecasted period: Today(8.30IST) to 19th September (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for Today and light rainfall is forecasted for other 4 days in the block. The day temperature will be 29-32°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-93% and 53-70% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/09/2021	16/09/2021	17/09/2021	18/09/2021	19/09/2021
Rainfall(mm)	20	8	9	10	10
T-Max(°C)	30	29	32	32	31
T-Min(°C)	26	26	26	25	25
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	93	91	86	85	86
RH Min (%)	70	68	55	53	59
Wind Speed(Kmph)	13	8	6	8	7
Wind Direction(deg)	162	198	225	315	326

Agro-met Advisory for water logging situations due to heavy to very heavy rain in agricultural fields of Cuttack district

• Cumulative weekly 489mm rainfall (552% higher than normal weekly cumulative rainfall) was recorded in the block.

- If water logging like situation will happen in some low land agricultural field of Cuttack district, then it may cause damages in existing crops.
- Farmers are advised to drain out the excess water from their submerged rice field.
- Farmers should stop Urea application in rice field up to receding of submerged water.
- In up and medium land, where there is no scope for revival of rice, go for pre-rabi crops like blackgram, greengram, horsegram, sesame etc after receding of excess water.
- If there is mortality of some hills observe after drain out water from the rice field, then farmers are advised to go for gap filling by using seedlings separated from the existing hills.
- If mortality is more than 50%, farmers are advised to go for retranslating with the available aged seedlings with closer spacing and 4-5 seedlings per hill. In case of non-availability of seedling broadcasting of pre-germinated paddy with short and medium durations are recommended after receding of excess water.
- In case of partially damaged direct seeded rice fields, do not go for beushaning as it may further reduce the plant population. Drain out excess water, remove weeds from the rice field and adjust the plant population by redistribution of hills and top dress N and K to boost the growth after receding of excess water.
- Weed out the rice field, make gap filling and top dress of 4kg N/ac and 3 kg K/ac to boost the growth if Situation permits.
- Regular surveillance work should be taken up in all crops in order to know the incidence of various insect pests and initiate the control strategies.
- To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.
- If there is infection of **sheath blight**, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g/litre of water or Hexaconazole 5% @ 2 ml/litre of water in sunny days. Repeat the spray after 7-10 days.
- In case of **stem rot**, spray the basal portion of the crop with 3gram mancozeb or 2gram carbendazim per one liter water after drying the weather.
- If **swarming caterpillar** observed in field, spray Chloropyrifos 20% EC @ 2.5 ml/litre of water sky becomes clear.
- After cessation of flashflood, there is chances of outbreak **blast disease** in paddy, apply Tricyclazole 75% WP @ 120 g/acre.
- Do not keep the stagnant water in the field. Provide drainage facility. Past rainy and humid weather favours infestation of Banded leaf blight in maize. To control this spray Validamycin 3.0%SL or Hexaconazole 5.0%EC 400ml/200ltr water for one acre.
- Due to heavy rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin + Thiram @ 400g or Metalaxyl 8% + Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Brinjal, tomato and chilli seedlings should be planted in the main field. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Higher incidence of diseases in livestock and poultry likely to be observe after post flood situation. So, suitable vaccination should be done with the consultation with district veterinary officials.

Note: Contact nearby KVK Scientist or State Agriculture Officer for necessary help and suggestions.

Dr Sujata Sethy
(Nodal officer)



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GRAMIN KRISHIMAUSAM SEWA INDIA METEOROLOGICAL DEPARTMENT DISTRICT AGROMET UNIT KRISHI VIGYAN KENDRA CUTTACK

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Bulletin No.-228

Date- 14/09/2021

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

District Past week average weather condition and Block past week average Rainfall condition

The block received average 22mm and district received average 45mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 26°C, respectively. Mean relative humidity of the district was around 91-86%.

Forecasted period: Today(8.30IST) to 19th September (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for Today and Saturday and light rainfall is forecasted for other 3 days in the block. The day temperature will be 28-32°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-95% and 51-70% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/09/2021	16/09/2021	17/09/2021	18/09/2021	19/09/2021
Rainfall(mm)	23	8	10	10	12
T-Max(°C)	30	28	32	32	31
T-Min(°C)	25	25	26	25	25
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	95	92	87	85	86
RH Min (%)	70	69	56	51	55
Wind Speed (Kmph)	11	8	6	7	5
Wind Direction (deg)	159	180	203	255	300

Agro-met Advisory for water logging situations due to heavy to very heavy rain in agricultural fields of Cuttack district

• Cumulative weekly 157mm rainfall (148% higher than normal weekly cumulative rainfall) was recorded in the block.

- If water logging like situation will happen in some low land agricultural field of Cuttack district, then it may cause damages in existing crops.
- Farmers are advised to drain out the excess water from their submerged rice field.
- Farmers should stop Urea application in rice field up to receding of submerged water.
- In up and medium land, where there is no scope for revival of rice, go for pre-rabi crops like blackgram, greengram, horsegram, sesame etc after receding of excess water.
- If there is mortality of some hills observe after drain out water from the rice field, then farmers are advised to go for gap filling by using seedlings separated from the existing hills.
- If mortality is more than 50%, farmers are advised to go for retranslating with the available aged seedlings with closer spacing and 4-5 seedlings per hill. In case of non-availability of seedling broadcasting of pre-germinated paddy with short and medium durations are recommended after receding of excess water.
- In case of partially damaged direct seeded rice fields, do not go for beushaning as it may further reduce the plant population. Drain out excess water, remove weeds from the rice field and adjust the plant population by redistribution of hills and top dress N and K to boost the growth after receding of excess water.
- Weed out the rice field, make gap filling and top dress of 4kg N/ac and 3 kg K/ac to boost the growth if Situation permits.
- Regular surveillance work should be taken up in all crops in order to know the incidence of various insect pests and initiate the control strategies.
- To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.
- If there is infection of **sheath blight**, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g/litre of water or Hexaconazole 5% @ 2 ml/litre of water in sunny days. Repeat the spray after 7-10 days.
- In case of **stem rot**, spray the basal portion of the crop with 3gram mancozeb or 2gram carbendazim per one liter water after drying the weather.
- If **swarming caterpillar** observed in field, spray Chloropyriphos 20% EC @ 2.5 ml/litre of water sky becomes clear.
- After cessation of flashflood, there is chances of outbreak **blast disease** in paddy, apply Tricyclazole 75% WP @ 120 g/acre.
- Do not keep the stagnant water in the field. Provide drainage facility. Past rainy and humid weather favours infestation of Banded leaf blight in maize. To control this spray Validamycin 3.0%SL or Hexaconazole 5.0%EC 400ml/200ltr water for one acre.
- Due to heavy rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassium fertilizer to the crop.
- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Brinjal, tomato and chilli seedlings should be planted in the main field. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Higher incidence of diseases in livestock and poultry likely to be observe after post flood situation. So, suitable vaccination should be done with the consultation with district veterinary officials.

Note: Contact nearby KVK Scientist or State Agriculture Officer for necessary help and suggestions.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-228
Date- 14/09/2021

AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week average weather condition and Block past week average Rainfall condition

The block received average 47mm and district received average 45mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 26°C, respectively. Mean relative humidity of the district was around 91-86%.

Forecasted period: Today(8.30IST) to 19th September (8.30IST)2021

Weather advisory: **Moderate rainfall is forecasted for Today and Saturday and light rainfall is forecasted for other 3 days in the block.** **Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.** The day temperature will be 28-32°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-95% and 52-69% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/09/2021	16/09/2021	17/09/2021	18/09/2021	19/09/2021
Rainfall(mm)	23	9	9	10	11
T-Max(°C)	30	28	32	32	31
T-Min(°C)	25	25	26	26	25
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	95	92	87	85	86
RH Min (%)	69	69	56	52	54
Wind Speed (Kmph)	12	8	6	8	5
Wind Direction (deg)	159	167	225	255	315

Agro-met Advisory for water logging situations due to heavy to very heavy rain in agricultural fields of Cuttack district

• Cumulative weekly 330mm rainfall (479% higher than normal weekly cumulative rainfall) was recorded in the block.

- If water logging like situation will happen in some low land agricultural field of Cuttack district, then it may cause damages in existing crops.
- Farmers are advised to drain out the excess water from their submerged rice field.
- Farmers should stop Urea application in rice field up to receding of submerged water.
- In up and medium land, where there is no scope for revival of rice, go for pre-rabi crops like blackgram, greengram, horsegram, sesame etc after receding of excess water.
- If there is mortality of some hills observe after drain out water from the rice field, then farmers are advised to go for gap filling by using seedlings separated from the existing hills.
- If mortality is more than 50%, farmers are advised to go for retranslating with the available aged seedlings with closer spacing and 4-5 seedlings per hill. In case of non-availability of seedling broadcasting of pre-germinated paddy with short and medium durations are recommended after receding of excess water.
- In case of partially damaged direct seeded rice fields, do not go for beushaning as it may further reduce the plant population. Drain out excess water, remove weeds from the rice field and adjust the plant population by redistribution of hills and top dress N and K to boost the growth after receding of excess water.
- Weed out the rice field, make gap filling and top dress of 4kg N/ac and 3 kg K/ac to boost the growth if Situation permits.
- Regular surveillance work should be taken up in all crops in order to know the incidence of various insect pests and initiate the control strategies.
- To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.
- If there is infection of **sheath blight**, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g/litre of water or Hexaconazole 5% @ 2 ml/litre of water in sunny days. Repeat the spray after 7-10 days.
- In case of **stem rot**, spray the basal portion of the crop with 3gram mancozeb or 2gram carbendazim per one liter water after drying the weather.
- If **swarming caterpillar** observed in field, spray Chloropyriphos 20% EC @ 2.5 ml/litre of water sky becomes clear.
- After cessation of flashflood, there is chances of outbreak **blast disease** in paddy, apply Tricyclazole 75% WP @ 120 g/acre.
- Do not keep the stagnant water in the field. Provide drainage facility. Past rainy and humid weather favours infestation of Banded leaf blight in maize. To control this spray Validamycin 3.0%SL or Hexaconazole 5.0%EC 400ml/200ltr water for one acre.
- Due to heavy rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin + Thiram @ 400g or Metalaxyl 8% + Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassium fertilizer to the crop.
- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Brinjal, tomato and chilli seedlings should be planted in the main field. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Higher incidence of diseases in livestock and poultry likely to be observe after post flood situation. So, suitable vaccination should be done with the consultation with district veterinary officials.

Note: Contact nearby KVK Scientist or State Agriculture Officer for necessary help and suggestions.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-228
Date- 14/09/2021

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week average weather condition and Block past week average Rainfall condition

The block received average 47mm and district received average 45mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 26°C, respectively. Mean relative humidity of the district was around 91-86%.

Forecasted period: Today(8.30IST) to 19thSeptember (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for Today and Saturday and light rainfall is forecasted for other 3days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 31-35°C and night temperature will be 28°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-89% and 56-77% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/09/2021	16/09/2021	17/09/2021	18/09/2021	19/09/2021
Rainfall(mm)	20	9	8	9	13
T-Max(°C)	31	31	33	35	34
T-Min(°C)	28	28	28	28	28
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	89	89	85	84	84
RH Min (%)	77	74	65	56	61
Wind Speed (Kmph)	14	11	10	8	6
Wind Direction (deg)	198	198	169	293	248

Agro-met Advisory for water logging situations due to heavy to very heavy rain in agricultural fields of Cuttack district

• Cumulative weekly 331mm rainfall (416% higher than normal weekly cumulative rainfall) was recorded in the block.

- If water logging like situation will happen in some low land agricultural field of Cuttack district, then it may cause damages in existing crops.
- Farmers are advised to drain out the excess water from their submerged rice field.
- Farmers should stop Urea application in rice field up to receding of submerged water.
- In up and medium land, where there is no scope for revival of rice, go for pre-rabi crops like blackgram, greengram, horsegram, sesame etc after receding of excess water.
- If there is mortality of some hills observe after drain out water from the rice field, then farmers are advised to go for gap filling by using seedlings separated from the existing hills.
- If mortality is more than 50%, farmers are advised to go for retranslating with the available aged seedlings with closer spacing and 4-5 seedlings per hill. In case of non-availability of seedling broadcasting of pre-germinated paddy with short and medium durations are recommended after receding of excess water.
- In case of partially damaged direct seeded rice fields, do not go for beushaning as it may further reduce the plant population. Drain out excess water, remove weeds from the rice field and adjust the plant population by redistribution of hills and top dress N and K to boost the growth after receding of excess water.
- Weed out the rice field, make gap filling and top dress of 4kg N/ac and 3 kg K/ac to boost the growth if Situation permits.
- Regular surveillance work should be taken up in all crops in order to know the incidence of various insect pests and initiate the control strategies.
- To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.
- If there is infection of **sheath blight**, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g/litre of water or Hexaconazole 5% @ 2 ml/litre of water in sunny days. Repeat the spray after 7-10 days.
- In case of **stem rot**, spray the basal portion of the crop with 3gram mancozeb or 2gram carbendazim per one liter water after drying the weather.
- If **swarming caterpillar** observed in field, spray Chloropyriphos 20% EC @ 2.5 ml/litre of water sky becomes clear.
- After cessation of flashflood, there is chances of outbreak **blast disease** in paddy, apply Tricyclazole 75% WP @ 120 g/acre.
- Do not keep the stagnant water in the field. Provide drainage facility. Past rainy and humid weather favours infestation of Banded leaf blight in maize. To control this spray Validamycin 3.0%SL or Hexaconazole 5.0%EC 400ml/200ltr water for one acre.
- Due to heavy rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline@20g with Carboxin+Thiram @400g or Metalaxyl 8%+Mancozeb 64% WP @400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Brinjal, tomato and chilli seedlings should be planted in the main field. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Higher incidence of diseases in livestock and poultry likely to be observe after post flood situation. So, suitable vaccination should be done with the consultation with district veterinary officials.

Note: Contact nearby KVK Scientist or State Agriculture Officer for necessary help and suggestions.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-228
Date- 14/09/2021

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 31mm and district received average 45mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 26°C, respectively. Mean relative humidity of the district was around 91-86%.

Forecasted period: Today(8.30IST) to 19th September (8.30IST)2021

Weather advisory: **Moderate rainfall is forested for Today and light rainfall is forecasted for other 4days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.** The day temperature will be 29-31°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-96% and 61-69% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	15/09/2021	16/09/2021	17/09/2021	18/09/2021	19/09/2021
Rainfall(mm)	23	8	7	8	10
T-Max(°C)	30	29	30	31	31
T-Min(°C)	25	26	25	26	25
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	96	91	86	86	88
RH Min (%)	69	69	64	64	61
Wind Speed (Kmph)	12	6	6	7	6
Wind Direction (deg)	158	120	297	255	315

Agro-met Advisory for water logging situations due to heavy to very heavy rain in agricultural fields of Cuttack district

• Cumulative weekly 216mm rainfall (293% higher than normal weekly cumulative rainfall) was recorded in the block.

- If water logging like situation will happen in some low land agricultural field of Cuttack district, then it may cause damages in existing crops.
- Farmers are advised to drain out the excess water from their submerged rice field.
- Farmers should stop Urea application in rice field up to receding of submerged water.
- In up and medium land, where there is no scope for revival of rice, go for pre-rabi crops like blackgram, greengram, horsegram, sesame etc after receding of excess water.
- If there is mortality of some hills observe after drain out water from the rice field, then farmers are advised to go for gap filling by using seedlings separated from the existing hills.
- If mortality is more than 50%, farmers are advised to go for retranslating with the available aged seedlings with closer spacing and 4-5 seedlings per hill. In case of non-availability of seedling broadcasting of pre-germinated paddy with short and medium durations are recommended after receding of excess water.
- In case of partially damaged direct seeded rice fields, do not go for beushaning as it may further reduce the plant population. Drain out excess water, remove weeds from the rice field and adjust the plant population by redistribution of hills and top dress N and K to boost the growth after receding of excess water.
- Weed out the rice field, make gap filling and top dress of 4kg N/ac and 3 kg K/ac to boost the growth if Situation permits.
- Regular surveillance work should be taken up in all crops in order to know the incidence of various insect pests and initiate the control strategies.
- To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.
- If there is infection of **sheath blight**, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g/litre of water or Hexaconazole 5% @ 2 ml/litre of water in sunny days. Repeat the spray after 7-10 days.
- In case of **stem rot**, spray the basal portion of the crop with 3gram mancozeb or 2gram carbendazim per one liter water after drying the weather.
- If **swarming caterpillar** observed in field, spray Chloropyriphos 20% EC @ 2.5 ml/litre of water sky becomes clear.
- After cessation of flashflood, there is chances of outbreak **blast disease** in paddy, apply Tricyclazole 75% WP @ 120 g/acre.
- Do not keep the stagnant water in the field. Provide drainage facility. Past rainy and humid weather favours infestation of Banded leaf blight in maize. To control this spray Validamycin 3.0%SL or Hexaconazole 5.0%EC 400ml/200ltr water for one acre.
- Due to heavy rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- Brinjal, tomato and chilli seedlings should be planted in the main field. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Higher incidence of diseases in livestock and poultry likely to be observe after post flood situation. So, suitable vaccination should be done with the consultation with district veterinary officials.

Note: Contact nearby KVK Scientist or State Agriculture Officer for necessary help and suggestions.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-228
 Date- 14/09/2021

			
MEGHDOOT APP	DAMINI APP	FACEBOOK (Damu Cuttack)	BLOCK SPECIFIC WHAT'S APP GROUPS

- Kindly install and use **“Meghdoot mobile App”** for Cuttack district weather forecast, warnings and weather based agromet advisory services.
<https://play.google.com/store/apps/details?id=com.aas.meghdoot>
- Kindly install and use **“Damini mobile App”** for location specific for lightening forecast and warnings.
<https://play.google.com/store/apps/details?id=com.lightening.live.damini>
- Follow the **block specific whats app groups** and join in your block wise groups for getting weather based agromet advisory services twice in a week (Tuesday and Friday) and other weather warning based farm management advisories.
- Follow the **Official Website links** to get the weather based agromet advisory service bulletins (**English & Odia**) twice in a week (Tuesday and Friday).

1	ICAR-NRRI, Cuttack, Odisha	https://icar-nrri.in/agromate/	
2	Agrimet division, IMD, Pune	https://imdagrimet.gov.in/imdproject/AGIndex.php	

Dr Sujata Sethy
 (Nodal officer)



Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area



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