

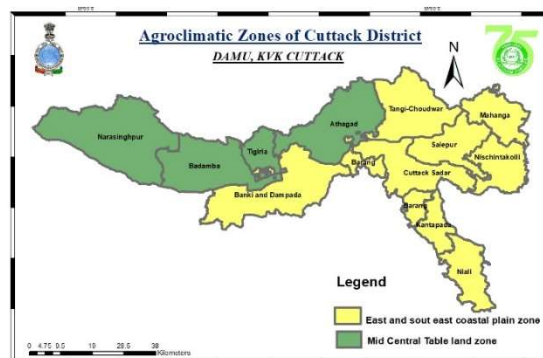


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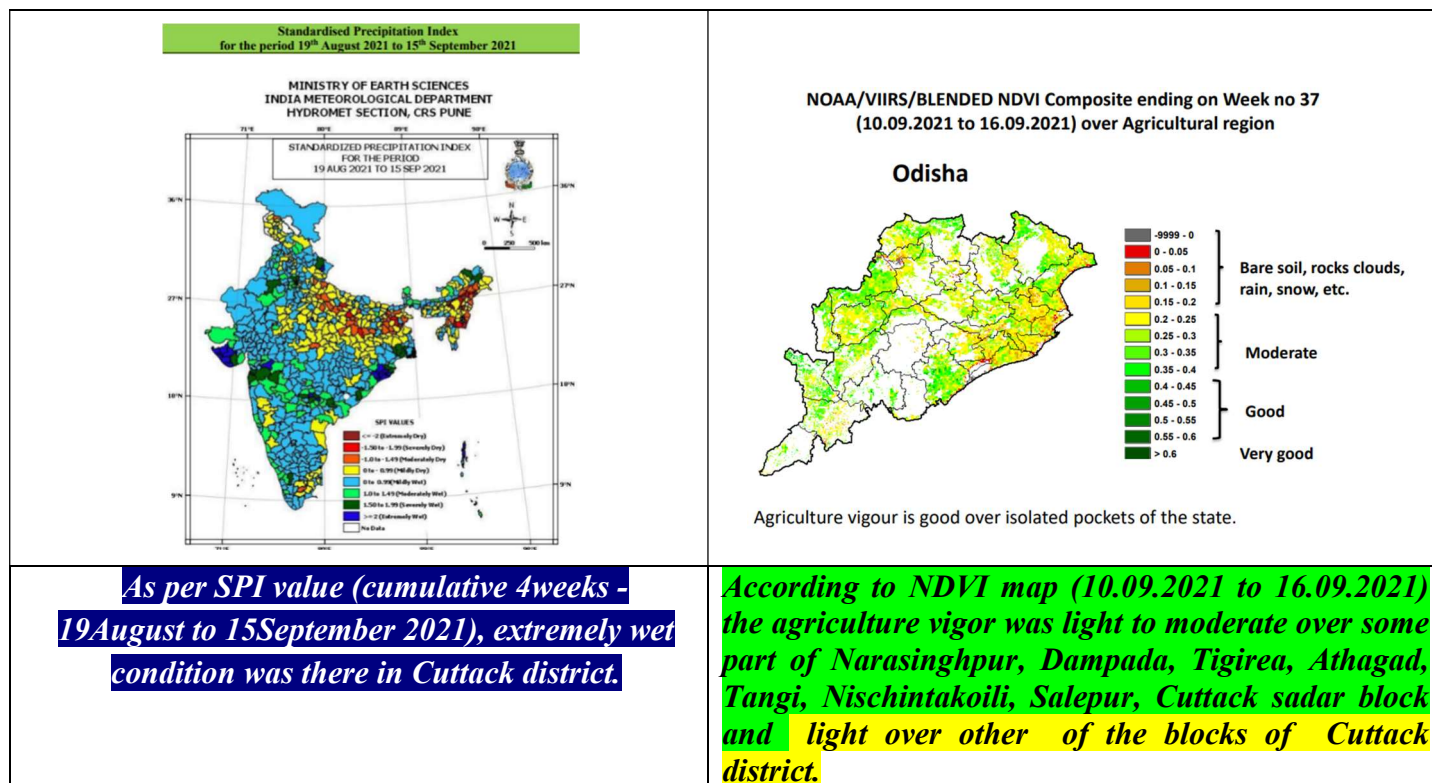


Bulletin No.-230
Date- 21/09/2021

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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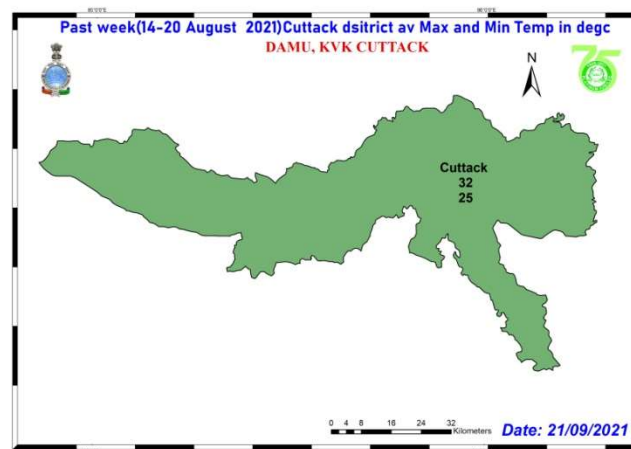
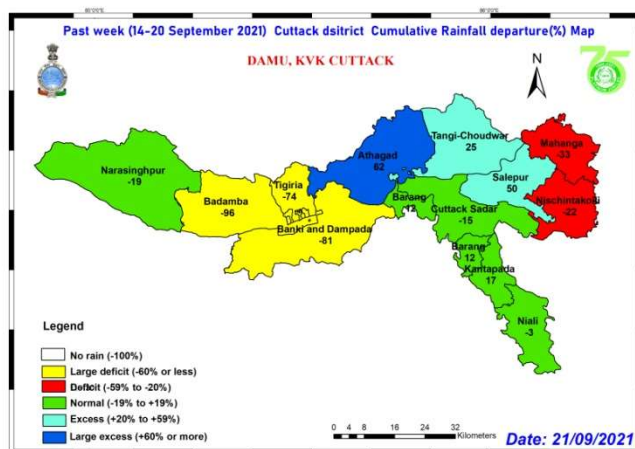


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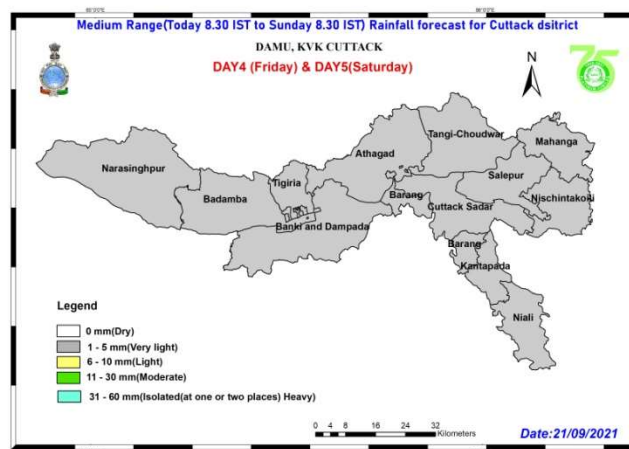
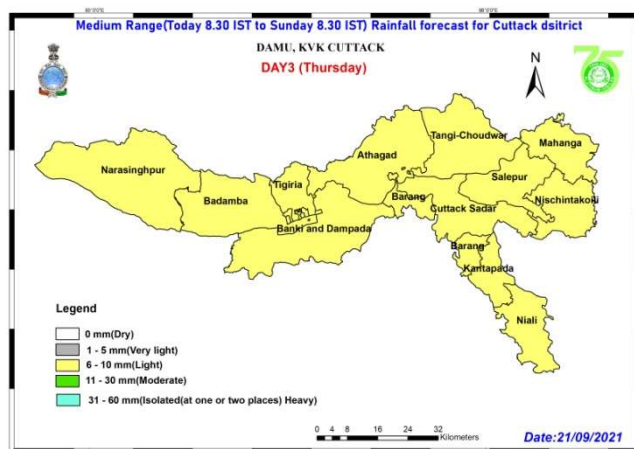
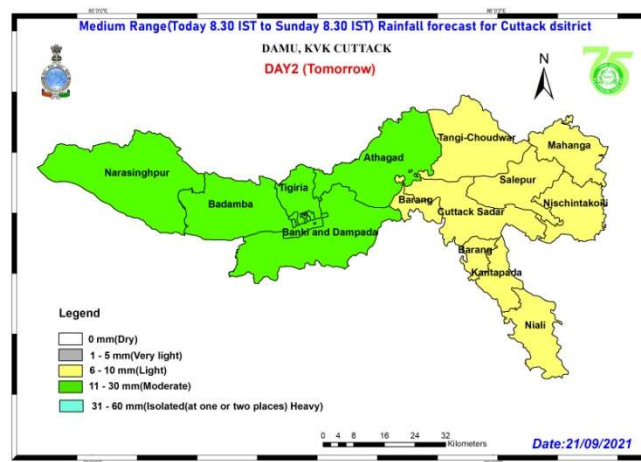
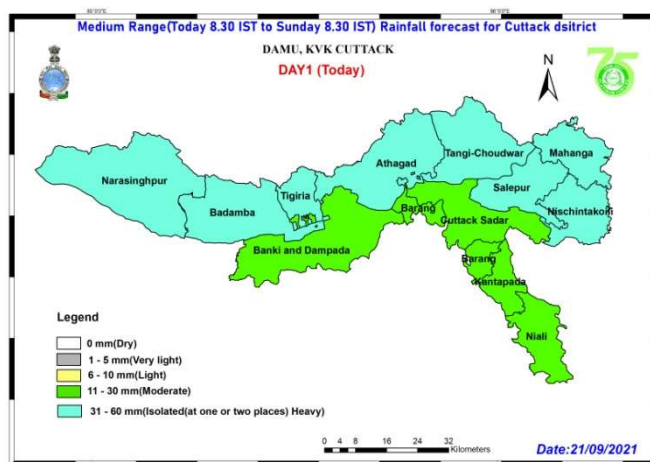


Bulletin No.-230
Date- 21/09/2021

Past week (14-20 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



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Bulletin No.-230
 Date- 21/09/2021

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

SI No	Crop	Stage and condition of the crop	Anticipated Disease and pest	
1	Rice	Tillering		Sheath blight
				Blast
				Stem/Foot rot
				Leaf folder
				Sawrming caterpillar
				Stem borer
				Gall midge
2	Sugarcane	4-5 month old		Red rot
				Rust

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Bulletin No.-230
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3	Maize	6-7 week stage		Fall army worm
				Banded leaf blight
4	Brinjal, tomato, chilli	seedling		Seedling rot
				Stem rot
5	Tomato and brinjal	Fruting		Bacterial wilt
6	Pointed gourd			Fruit rot
7	Pumpkin(Cucurbits)	Flowering to fruting		Stem and root rot

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Bulletin No.-230
Date- 21/09/2021

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (26 th September-02 nd October 2021)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	24.73	Above Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	0.23	Normal
	Minimum temperature	0 .17	Normal

General Agromet Advisory:- There will be above normal rainfall in subsequent week after 5 days (26 September-02 October 2021) in Odisha condition, and there will be light to moderate with isolated heavy 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.

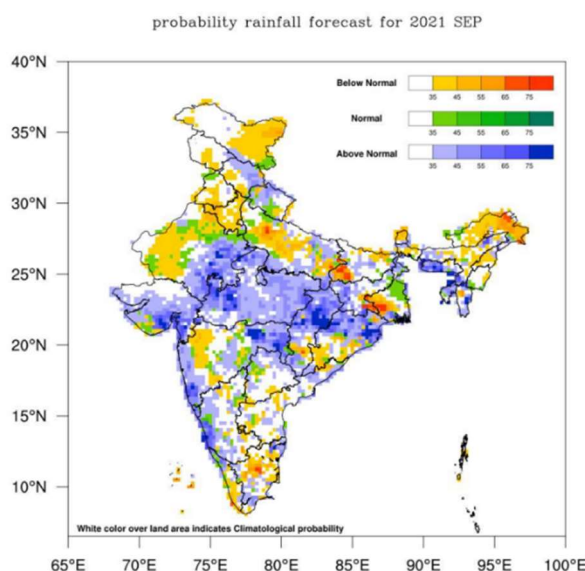


Fig.1. Probability forecast of tercile categories (below normal, normal, and above normal) for the rainfall over India during September 2021. The figure illustrates the most likely categories as well as their probabilities. The white shaded areas within the land area represent climatological probabilities. 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.-230
Date- 21/09/2021

AGROMET ADVISORY BULLETIN FOR ATHAGAD
District Past week average weather condition and Block past week average Rainfall condition

The block received average 5mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 92-80%.

Forecasted period: Today(8.30IST) to 26th September (8.30IST)2021

Weather advisory: Isolated heavy rainfall is forecasted for today and moderate rainfall is forecasted for Tomorrow and light to very light rainfall is forecasted for next 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 30-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-96% and 60-70% 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	22/09/2021	23/09/2021	24/09/2021	25/09/2021	26/09/2021
Rainfall (mm)	45	25	8	5	5
T-Max (°C)	31	30	30	31	32
T-Min (°C)	25	25	25	25	24
Cloud Cover (octa)	8	8	8	7	8
RH Max (%)	88	92	96	96	94
RH Min (%)	64	68	70	69	60
Wind Speed (kmph)	8	11	12	9	8
Wind Direction (deg)	216	193	159	156	152

Agromet Advisory

General advisory: Keep the drainage channels open to drain out excess rain water from crop fields. They should stop irrigation, pesticide and fertilizer application activities on rainy days (Today and tomorrow mainly) and may resume from Thursday.

Kharif Rice

Drain out excess water from the field. Maintain about 2-5 cm standing water during tillering stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 12kg of urea per acre in upcoming days based upon rainfall forecast.

Weather based Disease and pest of rice

- **Present cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast** disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water. Also there may be increase in incidence of **swarming caterpillar** after sunny days followed by heavy rainfall. To control this apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
- Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.
- **Maize:** Do not keep the stagnant water as it is raining. Provide drainage facility. To control **fall armyworm** in maize erect 4 pheromone traps /acre and spray 5 ml of 1500ppm neem oil /1 lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water. 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.

• VEGETABLES:

- **Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to 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 litres 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.
- Due to forecast of rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **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.
- Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval.

ANIMAL HUSBANDRY:

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-230
Date- 21/09/2021

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 0.4 mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 92-80%.

Forecasted period: Today(8.30IST) to 26th September (8.30IST)2021

Weather advisory: Isolated heavy rainfall is forecasted for today and moderate rainfall is forecasted for Tomorrow and light to very light rainfall is forecasted for next 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 30-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-96% and 60-70% 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	22/09/2021	23/09/2021	24/09/2021	25/09/2021	26/09/2021
Rainfall(mm)	38	28	10	5	5
T-Max(°C)	31	30	30	31	32
T-Min(°C)	25	25	25	24	24
Cloud Cover(octa)	8	8	8	7	8
RH Max (%)	87	92	96	96	95
RH Min (%)	64	67	70	68	60
Wind Speed (Kmph)	6	9	10	9	8
Wind Direction (deg)	207	167	158	159	152

Agromet Advisory

General advisory: Keep the drainage channels open to drain out excess rain water from crop fields. They should stop irrigation, pesticide and fertilizer application activities on rainy days (Today and tomorrow mainly) and may resume from Thursday.

Kharif Rice

Drain out excess water from the field. Maintain about 2-5 cm standing water during tillering stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 12kg of urea per acre in upcoming days based upon rainfall forecast.

Weather based Disease and pest of rice

- Present cloudy and humid weather and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast** disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water. Also there may be increase in incidence of **swarming caterpillar** after sunny days followed by heavy rainfall. To control this apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
- Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.

Maize:

Do not keep the stagnant water as it is raining. Provide drainage facility. To control **fall armyworm** in maize erect 4 pheromone traps /acre and spray 5 ml of 1500ppm neem oil /1 lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water. 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.

VEGETABLES:

- **Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to 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. Due to forecast of rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **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.
- Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval.

ANIMAL HUSBANDRY:

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian.

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Bulletin No.-230
 Date- 21/09/2021

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 92-80%.

Forecasted period: Today(8.30IST) to 26th September (8.30IST)2021

Weather advisory: **Moderate rainfall is forecasted for Today and tomorrow and light to very light rainfall is forecasted for next 3 days in the block.** Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 30-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-96% and 59-69% 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	22/09/2021	23/09/2021	24/09/2021	25/09/2021	26/09/2021
Rainfall(mm)	25	20	8	5	5
T-Max(°C)	31	30	30	31	32
T-Min(°C)	25	25	25	25	24
Cloud Cover(octa)	8	8	8	7	8
RH Max (%)	87	92	96	95	94
RH Min (%)	62	68	69	66	59
Wind Speed (Kmph)	8	11	12	10	8
Wind Direction (deg)	208	198	162	158	152

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Bulletin No.-230
 Date- 21/09/2021

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 3 mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 92-80%.

Forecasted period: Today(8.30IST) to 26th September (8.30IST)2021

Weather Advisory: Moderate rainfall is forecasted for Today and tomorrow and light to very light rainfall is forecasted for next 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 30-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-96% and 59-70% 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	22/09/2021	23/09/2021	24/09/2021	25/09/2021	26/09/2021
Rainfall(mm)	26	15	8	5	5
T-Max(°C)	31	30	30	31	32
T-Min(°C)	25	25	25	25	24
Cloud Cover(octa)	8	8	8	7	8
RH Max (%)	88	92	96	95	93
RH Min (%)	62	68	70	67	59
Wind Speed (Kmph)	8	11	12	9	8
Wind Direction (deg)	212	198	162	158	152

Agromet Advisory

General advisory: Keep the drainage channels open to drain out excess rain water from crop fields. They should stop irrigation, pesticide and fertilizer application activities on rainy days (Today and tomorrow mainly) and may resume from Thursday.

Kharif Rice

Drain out excess water from the field. Maintain about 2-5 cm standing water during tillering stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 12kg of urea per acre in upcoming days based upon rainfall forecast.

Weather based Disease and pest of rice

- Present cloudy and humid weather and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast** disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water. Also there may be increase in incidence of **swarming caterpillar** after sunny days followed by heavy rainfall. To control this apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
- Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.

Maize:

Do not keep the stagnant water as it is raining. Provide drainage facility. To control **fall armyworm** in maize erect 4 pheromone traps /acre and spray 5 ml of 1500ppm neem oil /1 lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water. 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.

VEGETABLES:

- **Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to 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. Due to forecast of rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **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.
- Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval.

ANIMAL HUSBANDRY:

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian.

Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-230
Date- 21/09/2021

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 12 mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 92-80%.

Forecasted period: Today(8.30IST) to 26thSeptember (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for Today and light to very light rainfall is forecasted for next 4 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 30-32°C and night temperature will be 25°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-95% and 60-69% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/09/2021	23/09/2021	24/09/2021	25/09/2021	26/09/2021
Rainfall(mm)	25	10	6	5	5
T-Max(°C)	32	30	30	31	31
T-Min(°C)	25	25	25	25	25
Cloud Cover	8	8	8	8	8
RH Max (%)	89	94	95	94	91
RH Min (%)	60	68	69	69	60
Wind Speed (Kmph)	10	12	11	8	8
Wind Direction (deg)	204	201	167	161	155

Agromet Advisory

General advisory: Keep the drainage channels open to drain out excess rain water from crop fields. They should stop irrigation, pesticide and fertilizer application activities on rainy days (Today and tomorrow mainly) and may resume from Thursday.

Kharif Rice

Drain out excess water from the field. Maintain about 2-5 cm standing water during tillering stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 12kg of urea per acre in upcoming days based upon rainfall forecast.

Weather based Disease and pest of rice

- Present cloudy and humid weather and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast** disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water. Also there may be increase in incidence of **swarming caterpillar** after sunny days followed by heavy rainfall. To control this apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
- Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.

Maize: Do not keep the stagnant water as it is raining. Provide drainage facility. To control **fall armyworm** in maize erect 4 pheromone traps /acre and spray 5 ml of 1500ppm neem oil / 1 lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water. 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.

• VEGETABLES:

- **Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to 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 litres 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.
- Due to forecast of rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **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.
- Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval.

ANIMAL HUSBANDRY:

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-230
Date- 21/09/2021

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 9 mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 92-80%.

Forecasted period: Today(8.30IST) to 26thSeptember (8.30IST)2021

Weather advisory: **Moderate rainfall is forecasted for Today and tomorrow and light to very light rainfall is forecasted for next 4days in the block.** The day temperature will be 30-32°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-95% and 60-69% 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	22/09/2021	23/09/2021	24/09/2021	25/09/2021	26/09/2021
Rainfall(mm)	28	10	8	5	5
T-Max(°C)	31	30	30	31	32
T-Min(°C)	25	26	25	25	25
Cloud Cover(octa)	8	8	7	8	7
RH Max (%)	89	94	95	95	92
RH Min (%)	62	69	69	69	60
Wind Speed (Kmph)	10	12	11	8	8
Wind Direction (deg)	207	193	167	158	155

Agromet Advisory

General advisory: **Keep the drainage channels open to drain out excess rain water from crop fields. They should stop irrigation, pesticide and fertilizer application activities on rainy days (Today and tomorrow mainly) and may resume from Thursday.**

Kharif Rice

Drain out excess water from the field. Maintain about 2-5 cm standing water during tillering stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 12kg of urea per acre in upcoming days based upon rainfall forecast.

Weather based Disease and pest of rice

- **Present cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast** disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water. Also there may be increase in incidence of **swarming caterpillar** after sunny days followed by heavy rainfall. To control this apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
- Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.

Sugarcane: wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. Due to the water logging in rainy season, 70-90% Humidity & 30 deg. cent temperatures favours the incidence of **Rust disease**, to control this disease spray Azoxystrobin 18.2%sc or Difenoconazole 11.4%sc @ 1ml/ltr of water in dry days. For **Red rot**, avoid rationing in red rot affected area, spray the crop with Mancozeb 0.3% or carbendazim 0.1% at 15 days interval.

VEGETABLES:

- **Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
 - Due to 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.
- Due to forecast of rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **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.
 - Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval.

ANIMAL HUSBANDRY:

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-230
Date- 21/09/2021

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 12 mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 92-80%.

Forecasted period: Today(8.30IST) to 26th September (8.30IST)2021

Weather advisory: **Moderate rainfall is forecasted for Today and tomorrow and light to very light rainfall is forecasted for next 4days in the block.** The day temperature will be 30-32°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-93% and 59-69% 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	22/09/2021	23/09/2021	24/09/2021	25/09/2021	26/09/2021
Rainfall(mm)	28	9	7	5	5
T-Max(°C)	32	30	30	31	32
T-Min(°C)	26	26	26	25	25
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	88	93	93	92	87
RH Min (%)	59	66	69	66	60
Wind Speed (Kmph)	11	12	11	8	8
Wind Direction (deg)	204	201	193	162	155

Agromet Advisory

General advisory: **Keep the drainage channels open to drain out excess rain water from crop fields. They should stop irrigation, pesticide and fertilizer application activities on rainy days (Today and tomorrow mainly) and may resume from Thursday.**

Kharif Rice

Drain out excess water from the field. Maintain about 2-5 cm standing water during tillering stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 12kg of urea per acre in upcoming days based upon rainfall forecast.

Weather based Disease and pest of rice

- **Present cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast** disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water. Also there may be increase in incidence of **swarming caterpillar** after sunny days followed by heavy rainfall. To control this apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
- Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.

Sugarcane: wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. Due to the water logging in rainy season, 70-90% Humidity & 30 deg. cent temperatures favours the incidence of **Rust disease**, to control this disease spray Azoxystrobin 18.2%sc or Difenconazole 11.4%sc @ 1ml/ltr of water in dry days. For **Red rot**, avoid rationing in red rot affected area, spray the crop with Mancozeb 0.3% or carbendazim 0.1% at 15 days interval.

VEGETABLES:

- **Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to 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.
Due to forecast of rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **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.
- Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval.

ANIMAL HUSBANDRY:

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-230
Date- 21/09/2021

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 9 mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 92-80%.

Forecasted period: Today(8.30IST) to 26th September (8.30IST)2021

Weather advisory: Isolated heavy rainfall is forecasted for today and light to very light rainfall is forecasted for next 4 days in the block. The day temperature will be and it will be 30-31°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-95% and 60-70% 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	22/09/2021	23/09/2021	24/09/2021	25/09/2021	26/09/2021
Rainfall(mm)	32	9	8	5	5
T-Max(°C)	31	30	30	31	31
T-Min(°C)	25	25	25	24	24
Cloud Cover(octal)	8	8	8	8	8
RH Max (%)	89	93	94	95	90
RH Min (%)	62	68	70	68	60
Wind Speed (Kmph)	11	12	10	8	7
Wind Direction (deg)	204	198	162	161	155

Agromet Advisory

General advisory: Keep the drainage channels open to drain out excess rain water from crop fields. They should stop irrigation, pesticide and fertilizer application activities on rainy days (Today and tomorrow mainly) and may resume from Thursday.

Kharif Rice

Drain out excess water from the field. Maintain about 2-5 cm standing water during tillering stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 12kg of urea per acre in upcoming days based upon rainfall forecast.

Weather based Disease and pest of rice

- Present cloudy and humid weather and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast** disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water. Also there may be increase in incidence of **swarming caterpillar** after sunny days followed by heavy rainfall. To control this apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
- Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.

Sugarcane: wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. Due to the water logging in rainy season, 70-90% Humidity & 30 deg. cent temperatures favours the incidence of **Rust disease**, to control this disease spray Azoxystrobin 18.2%sc or Difenconazole 11.4%sc @ 1ml/ltr of water in dry days. For **Red rot**, avoid rationing in red rot affected area, spray the crop with Mancozeb 0.3% or carbendazim 0.1% at 15 days interval.

VEGETABLES:

- **Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to 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 litres 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.
Due to forecast of rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **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.
- Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval.

ANIMAL HUSBANDRY:

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-230
 Date- 21/09/2021

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 7 mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 92-80%.

Forecasted period: Today(8.30IST) to 26thSeptember (8.30IST)2021

Weather advisory: Isolated heavy rainfall is forecasted for today and moderate rainfall is forecasted for Tomorrow and light to very light rainfall is forecasted for next 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 30-32°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-98% and 58-68% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/09/2021	23/09/2021	24/09/2021	25/09/2021	26/09/2021
Rainfall(mm)	33	23	10	5	5
T-Max(°C)	30	30	30	31	32
T-Min(°C)	24	24	24	23	24
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	89	91	98	98	97
RH Min (%)	65	66	68	66	58
Wind Speed (Kmph)	5	6	7	7	7
Wind Direction (deg)	248	180	158	158	135

Agromet Advisory

General advisory: Keep the drainage channels open to drain out excess rain water from crop fields. They should stop irrigation, pesticide and fertilizer application activities on rainy days (Today and tomorrow mainly) and may resume from Thursday.

Kharif Rice

Drain out excess water from the field. Maintain about 2-5 cm standing water during tillering stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 12kg of urea per acre in upcoming days based upon rainfall forecast.

Weather based Disease and pest of rice

- Present cloudy and humid weather and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast** disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water. Also there may be increase in incidence of **swarming caterpillar** after sunny days followed by heavy rainfall. To control this apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
- Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.

Maize:

Do not keep the stagnant water as it is raining. Provide drainage facility. To control **fall armyworm** in maize erect 4 pheromone traps /acre and spray 5 ml of 1500ppm neem oil /1 lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water. 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.

VEGETABLES:

- **Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to 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. Due to forecast of rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **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.
- Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval.

ANIMAL HUSBANDRY:

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian.

Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-230

Date- 21/09/2021

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 10 mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 92-80%.

Forecasted period: Today(8.30IST) to 26thSeptember (8.30IST)2021

Weatheradvisory: *Moderate rainfall is forested for Today and tomorrow and light to very light rainfall is forecasted for next 4days in the block.* The day temperature will be 31-32°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-92% and 59-70% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/09/2021	23/09/2021	24/09/2021	25/09/2021	26/09/2021
Rainfall(mm)	28	8	8	5	5
T-Max(°C)	32	31	31	31	31
T-Min(°C)	26	26	26	25	25
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	86	91	92	90	84
RH Min (%)	59	66	70	66	61
Wind Speed(Kmph)	12	14	12	9	8
Wind Direction(deg)	204	203	201	193	155

Agromet Advisory

General advisory: *Keep the drainage channels open to drain out excess rain water from crop fields. They should stop irrigation, pesticide and fertilizer application activities on rainy days (Today and tomorrow mainly) and may resume from Thursday.*

Kharif Rice

Drain out excess water from the field. Maintain about 2-5 cm standing water during tillering stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 12kg of urea per acre in upcoming days based upon rainfall forecast.

Weather based Disease and pest of rice

- **Present cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast** disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.
 - In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water. Also there may be increase in incidence of **swarming caterpillar** after sunny days followed by heavy rainfall. To control this apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.
 - In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
 - Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.
- Sugarcane:** wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. Due to the water logging in rainy season, 70-90% Humidity & 30 deg. cent temperatures favours the incidence of **Rust disease**, to control this disease spray Azoxystrobin 18.2%sc or Difenconazole 11.4%sc @ 1ml/ltr of water in dry days. For **Red rot**, avoid rationing in red rot affected area, spray the crop with Mancozeb 0.3% or carbendazim 0.1% at 15 days interval.

VEGETABLES:

- **Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to 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.
- Due to forecast of rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **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.
- Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2-3 times in 25 days interval.

ANIMAL HUSBANDRY:

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-230
Date- 21/09/2021

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 7 mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 92-80%.

Forecasted period: Today(8.30IST) to 26thSeptember (8.30IST)2021

Weather advisory: **Isolated heavy rainfall is forecasted for today and light to very light rainfall is forecasted for next 4 days in the block.** The day temperature will be 30-32°C and night temperature will be 25°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-94% and 60-70% 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	22/09/2021	23/09/2021	24/09/2021	25/09/2021	26/09/2021
Rainfall(mm)	36	8	7	5	5
T-Max(°C)	32	30	30	31	31
T-Min(°C)	25	25	25	25	25
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	89	93	94	94	89
RH Min (%)	61	69	70	67	60
Wind Speed (Kmph)	12	12	10	8	7
Wind Direction (deg)	204	198	162	161	155

Agromet Advisory

General advisory: **Keep the drainage channels open to drain out excess rain water from crop fields. They should stop irrigation, pesticide and fertilizer application activities on rainy days (Today and tomorrow mainly) and may resume from Thursday.**

Kharif Rice

Drain out excess water from the field. Maintain about 2-5 cm standing water during tillering stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 12 kg of urea per acre in upcoming days based upon rainfall forecast.

Weather based Disease and pest of rice

- **Present cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast** disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.
 - In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water. Also there may be increase in incidence of **swarming caterpillar** after sunny days followed by heavy rainfall. To control this apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour.
 - In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
 - Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.
- Sugarcane:** wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. Due to the water logging in rainy season, 70-90% Humidity & 30 deg. cent temperatures favours the incidence of **Rust disease**, to control this disease spray Azoxystrobin 18.2%sc or Difenoconazole 11.4%sc @ 1ml/ltr of water in dry days. For **Red rot**, avoid rationing in red rot affected area, spray the crop with Mancozeb 0.3% or carbendazim 0.1% at 15 days interval.

VEGETABLES:

- **Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to 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.
 Due to forecast of rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **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.
- Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval.

ANIMAL HUSBANDRY:

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-230
Date- 21/09/2021

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 15 mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 92-80%.

Forecasted period: Today(8.30IST) to 26thSeptember (8.30IST)2021

Weather advisory: **Isolated heavy rainfall is forecasted for today and light to very light rainfall is forecasted for next 4 days in the block.** **Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.** The day temperature will be 30-32°C and night temperature will be 25°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-94% and 60-70% 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	22/09/2021	23/09/2021	24/09/2021	25/09/2021	26/09/2021
Rainfall(mm)	37	9	6	5	5
T-Max(°C)	32	30	30	31	31
T-Min(°C)	25	25	25	25	25
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	89	93	94	94	90
RH Min (%)	61	69	70	67	60
Wind Speed (Kmph)	11	12	10	8	7
Wind Direction (deg)	204	198	162	161	155

Agromet Advisory

General advisory: **Keep the drainage channels open to drain out excess rain water from crop fields. They should stop irrigation, pesticide and fertilizer application activities on rainy days (Today and tomorrow mainly) and may resume from Thursday.**

Kharif Rice

Drain out excess water from the field. Maintain about 2-5 cm standing water during tillering stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 12kg of urea per acre in upcoming days based upon rainfall forecast.

Weather based Disease and pest of rice

- **Present cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast** disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water. Also there may be increase in incidence of **swarming caterpillar** after sunny days followed by heavy rainfall. To control this apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
- Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.

Maize:

Do not keep the stagnant water as it is raining. Provide drainage facility. To control **fall armyworm** in maize erect 4 pheromone traps /acre and spray 5 ml of 1500ppm neem oil / 1 lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water. 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.

• **VEGETABLES:**

- **Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to 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.
Due to forecast of rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **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.
- Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval.

ANIMAL HUSBANDRY:

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian

Dr Sujata Sethy
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Bulletin No.-230
Date- 21/09/2021

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 12 mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 92-80%.

Forecasted period: Today(8.30IST) to 26thSeptember (8.30IST)2021

Weather advisory: Isolated heavy rainfall is forecasted for today and light to very light rainfall is forecasted for next 4 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 32-33°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-89% and 63-74% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/09/2021	23/09/2021	24/09/2021	25/09/2021	26/09/2021
Rainfall(mm)	40	10	10	5	5
T-Max(°C)	33	32	32	32	33
T-Min(°C)	28	28	28	27	27
Cloud Cover(octa)	8	8	8	7	7
RH Max (%)	83	88	89	88	81
RH Min (%)	63	67	74	72	66
Wind Speed (Kmph)	16	17	14	10	8
Wind Direction (deg)	204	203	201	191	158

Agromet Advisory

General advisory: Keep the drainage channels open to drain out excess rain water from crop fields. They should stop irrigation, pesticide and fertilizer application activities on rainy days (Today and tomorrow mainly) and may resume from Thursday.

Kharif Rice

Drain out excess water from the field. Maintain about 2-5 cm standing water during tillering stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 12kg of urea per acre in upcoming days based upon rainfall forecast.

Weather based Disease and pest of rice

- Present cloudy and humid weather and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast** disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water. Also there may be increase in incidence of **swarming caterpillar** after sunny days followed by heavy rainfall. To control this apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
- Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.

Maize:

Do not keep the stagnant water as it is raining. Provide drainage facility. To control **fall armyworm** in maize erect 4 pheromone traps /acre and spray 5 ml of 1500ppm neem oil / 1 lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water. 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.

VEGETABLES:

- **Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to 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. Due to forecast of rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **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.
- Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease in banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval.

ANIMAL HUSBANDRY:

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian.

Dr Sujata Sethy
(Nodal officer)



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Debasish Jena

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Bulletin No.-230
Date- 21/09/2021

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 4 mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 92-80%.

Forecasted period: Today(8.30IST) to 26thSeptember (8.30IST)2021

Weather advisory: Isolated heavy rainfall is forecasted for today and moderate rainfall is forecasted for Tomorrow and light to very light rainfall is forecasted for next 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 30-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-97% and 61-71% 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	22/09/2021	23/09/2021	24/09/2021	25/09/2021	26/09/2021
Rainfall(mm)	42	21	9	5	5
T-Max(°C)	31	31	30	31	32
T-Min(°C)	25	25	25	24	24
Cloud Cover(octa)	8	8	8	7	8
RH Max (%)	88	93	97	96	95
RH Min (%)	65	67	71	69	61
Wind Speed (Kmph)	7	11	12	9	8
Wind Direction (deg)	216	180	159	156	152

Agromet Advisory

General advisory: Keep the drainage channels open to drain out excess rain water from crop fields. They should stop irrigation, pesticide and fertilizer application activities on rainy days (Today and tomorrow mainly) and may resume from Thursday.

Kharif Rice

Drain out excess water from the field. Maintain about 2-5 cm standing water during tillering stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 12kg of urea per acre in upcoming days based upon rainfall forecast.

Weather based Disease and pest of rice

- Present cloudy and humid weather and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast** disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water. Also there may be increase in incidence of **swarming caterpillar** after sunny days followed by heavy rainfall. To control this apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
- Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.

Maize:

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• VEGETABLES:

- **Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to 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 litres 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.
Due to forecast of rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
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ANIMAL HUSBANDRY:

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

- 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

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

advisories.

- Follow the **Official Website links** to get the weather based agromet advisory service bulletins (**English & Odia**) twice in a week (Tuesday and Friday).

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(Nodal officer)



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