

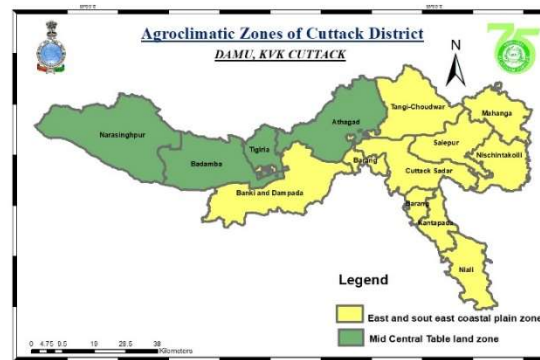


GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
 (A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

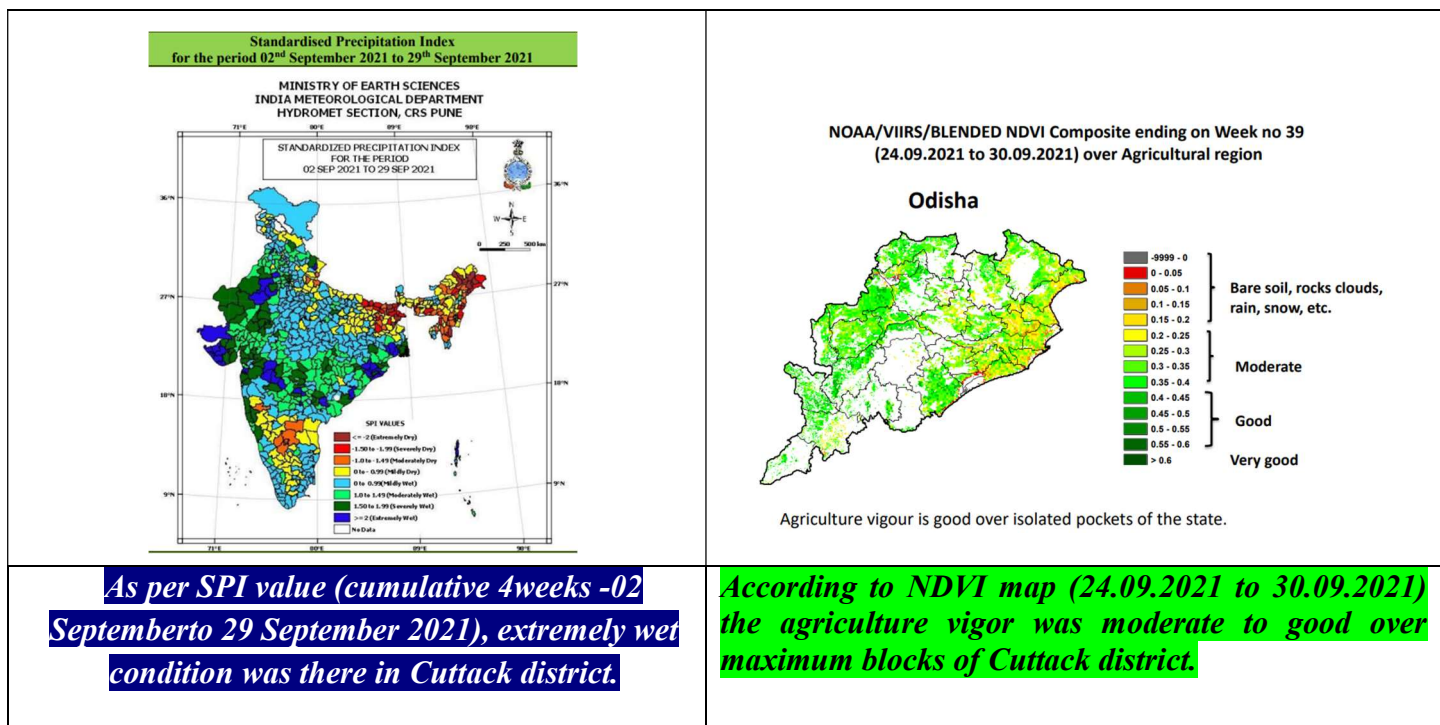


Bulletin No.-234
Date- 05/10/2021

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
SMS (Agrometeorology)
Contact No-9861445080/7008453427

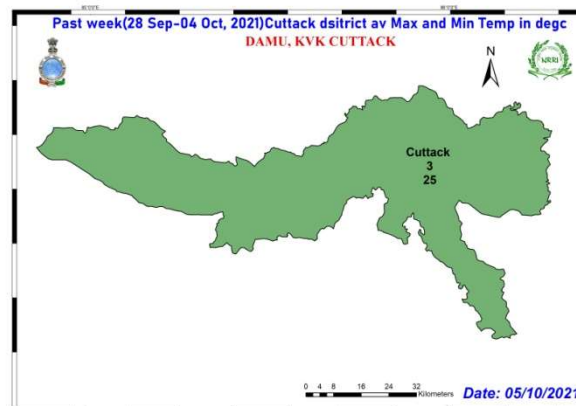
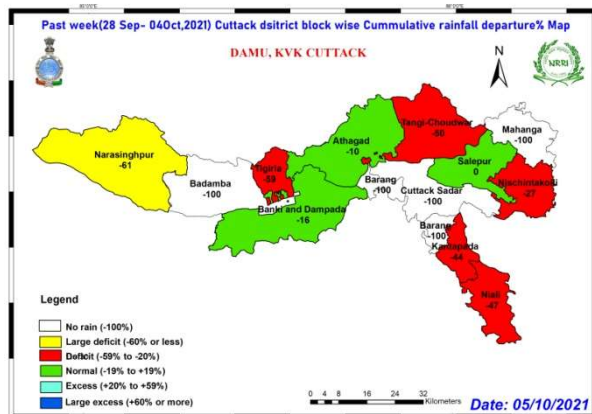


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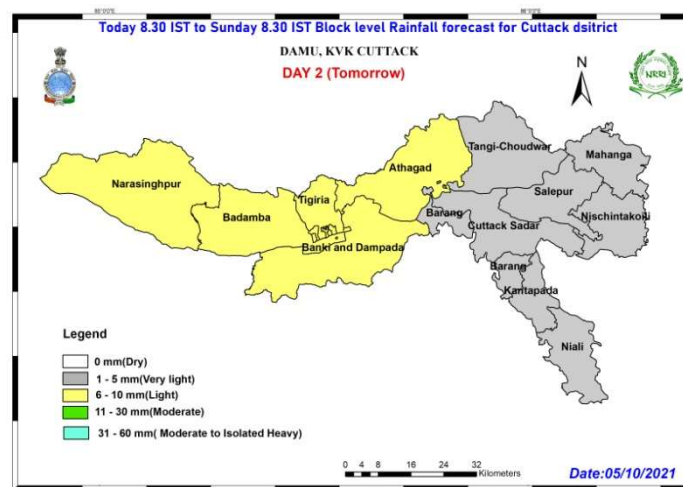
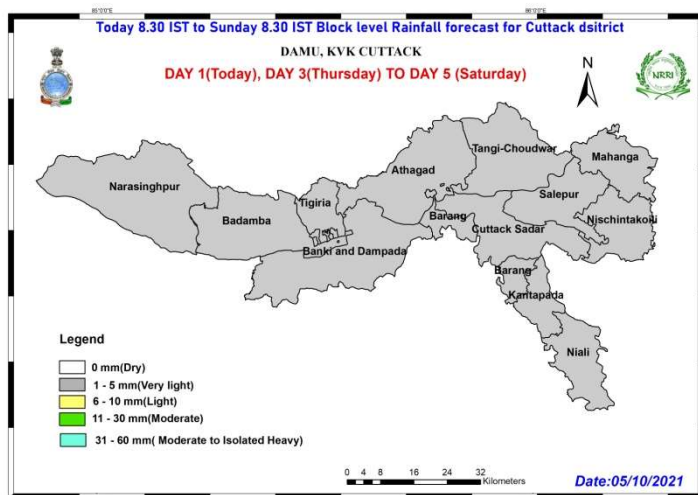


Bulletin No.-234
 Date- 05/10/2021

Past week (28 September-04 October 2021) Cuttack district Cumulative Rainfall departure (%) and average Temperature



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



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 (Nodal officer)



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Debasish Jena
 SMS (Agrometeorology)
 Contact No-9861445080/7008453427












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Bulletin No.-234
Date- 05/10/2021

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

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 to panicle initiation		Sheath blight
				Stem/Foot rot
				Leaf streak
				Mealy bug
				Hispa
				Caseworm
2	Sugarcane	4-5 month old		Mealy bug
				Scales
				White fly

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SMS (Agrometeorology)
Contact No-9861445080/7008453427



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Bulletin No.-234
Date- 05/10/2021

3	Maize	Cob development stage		Aphid/thrips
				Stem borer
4	Vegetables			Aphid
				Leaf hopper
				White fly
5	Banana			Sigatoka
				Panama wilt
6	Papaya			foot rot

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Bulletin No.-234
Date- 05/10/2021

Post Monsoon rainfall forecast for the month of October, 2021

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

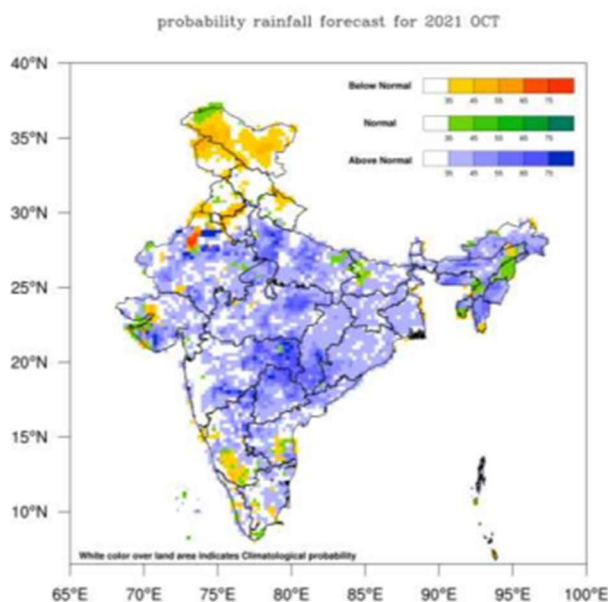


Fig.2. Probability forecast of tercile categories* (below normal, normal and above normal) for the 2021 October rainfall over India. The figure illustrates the most likely categories as well as their probabilities. The white shaded areas within the land area represent climatological probabilities. The 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.-234
Date- 05/10/2021

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

The block received average 4mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Mean relative humidity of the district was around 85-80%.

Forecasted period: Today(8.30IST) to 10th October (8.30IST)2021

Weather advisory: Light to very light rainfall/Thundershower is forecasted for upcoming 5 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 34-35°C and night temperature will be 26°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-94% and 50-61% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Athagad(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	06/10/2021	07/10/2021	08/10/2021	09/10/2021	10/10/2021
Rainfall (mm)	5	6	2	4	4
T-Max (°C)	34	35	34	34	35
T-Min (°C)	26	26	26	26	26
Cloud Cover (octa)	5	7	6	6	3
RH Max (%)	94	94	93	92	88
RH Min (%)	59	56	61	59	50
Wind Speed (kmph)	7	7	6	5	6
Wind Direction (deg)	191	203	199	180	23

Agromet Advisory

General advisory: AS there was very light rainfall was recorded in past week and very light to light rainfall with slight increase in temperature condition is forecasted in upcoming 5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm water level during the critical stage. Farmers should continue irrigation, pesticide and fertilizer application activities on upcoming days based upon rainfall forecast. Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilizing the past rain water.

Kharif Rice

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

Weather based Disease and pest of rice

- Due to slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area
- Due to water logging situation in past week 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:

- Maize is at cob development and harvesting stage. Harvest the matured maize in dry days based upon forecast of rain. There may be Aphids and Thrips infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre. To control stem borer apply fipronil 5SC 400ml/acre in 200 ltr water.

VEGETABLES:

Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.. Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm. Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.

Fruits:

- Pastray weather conditions were 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. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.
- Animal husbandry:**
- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

Dr Sujata Sethy
(Nodal officer)



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KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-234
 Date- 05/10/2021

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 0mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Mean relative humidity of the district was around 85-80%.

Forecasted period: Today(8.30IST) to 10th October (8.30IST)2021

Weather advisory: Light to very light rainfall/Thundershower is forecasted for upcoming 5 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 34-35°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-95% and 51-60% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	06/10/2021	07/10/2021	08/10/2021	09/10/2021	10/10/2021
Rainfall(mm)	5	6	4	3	3
T-Max(°C)	34	34	34	35	35
T-Min(°C)	25	25	25	26	25
Cloud Cover(octa)	4	7	7	7	2
RH Max (%)	94	95	93	91	87
RH Min (%)	60	57	59	60	51
Wind Speed (Kmph)	6	6	5	5	5
Wind Direction (deg)	191	180	203	180	30

Agromet Advisory

General advisory: AS there was dry condition was recorded in past week and very light to light rainfall with slight increase in temperature condition is forecasted in upcoming 5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm water level during the critical stage. Farmers should continue irrigation, pesticide and fertilizer application activities on upcoming days based upon rainfall forecast. Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilizing the past rain water.

Kharif Rice

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

Weather based Disease and pest of rice

- Due to slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area
- Due to water logging situation in past week 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:

- Maize is at cob development and harvesting stage. Harvest the matured maize in dry days based upon forecast of rain. There may be Aphids and Thrips infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre. To control stem borer apply fipronil 5SC 400ml/acre in 200 ltr water.

VEGETABLES:

Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.. Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm. Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.

Fruits:

- Past rainy weather conditions were 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. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for Panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.
- Animal husbandry:**
- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

Dr Sujata Sethy
 (Nodal officer)



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(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-234
Date- 05/10/2021

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Mean relative humidity of the district was around 85-80%.

Forecasted period: Today(8.30IST) to 10th October (8.30IST)2021

Weather advisory: Light to very light rainfall/Thundershower is forecasted for upcoming 5 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 34-36°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-94% and 51-58% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	06/10/2021	07/10/2021	08/10/2021	09/10/2021	10/10/2021
Rainfall(mm)	4	7	3	4	3
T-Max(°C)	34	35	34	35	36
T-Min(°C)	25	25	26	26	25
Cloud Cover(octa)	4	7	6	6	3
RH Max (%)	94	94	93	91	87
RH Min (%)	58	57	58	58	51
Wind Speed (Kmph)	7	7	6	5	6
Wind Direction (deg)	197	203	225	180	15

Agromet Advisory

General advisory: AS there was very light rainfall was recorded in past week and very light to light rainfall with slight increase in temperature condition is forecasted in upcoming 5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm water level during the critical stage. Farmers should continue irrigation, pesticide and fertilizer application activities on upcoming days based upon rainfall forecast. Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilizing the past rain water.

Kharif Rice

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

Weather based Disease and pest of rice

- Due to slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area
- Due to water logging situation in past week 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:

- Maize is at cob development and harvesting stage. Harvest the matured maize in dry days based upon forecast of rain. There may be Aphids and Thrips infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre. To control stem borer apply fipronil 5SC 400ml/acre in 200 litre water.

VEGETABLES:

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Fruits:

- Past rainy weather conditions were 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. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for Panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.
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(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-234
 Date- 05/10/2021

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 6mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Mean relative humidity of the district was around 85-80%.

Forecasted period: Today(8.30IST) to 10th October (8.30IST)2021

Weather Advisory: Light to very light rainfall/Thundershower is forecasted for upcoming 5 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 34-36°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-95% and 52-59% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	06/10/2021	07/10/2021	08/10/2021	09/10/2021	10/10/2021
Rainfall(mm)	4	6	4	5	3
T-Max(°C)	34	35	34	35	36
T-Min(°C)	25	25	26	26	25
Cloud Cover(octa)	4	7	6	6	3
RH Max (%)	94	95	93	91	88
RH Min (%)	59	57	59	58	52
Wind Speed (Kmph)	7	7	6	5	6
Wind Direction (deg)	200	203	225	203	15

Agromet Advisory

General advisory: AS there was light rainfall was recorded in past week and very light to light rainfall with slight increase in temperature condition is forecasted in upcoming 5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm water level during the critical stage. Farmers should continue irrigation, pesticide and fertilizer application activities on upcoming days based upon rainfall forecast. Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilizing the past rain water.

Kharif Rice

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

Weather based Disease and pest of rice

- Due to slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area
- Due to water logging situation in past week 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:

- Maize is at cob development and harvesting stage. Harvest the matured maize in dry days based upon forecast of rain. There may be Aphids and Thrips infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre. To control stem borer apply fipronil 5SC 400ml/acre in 200 ltr water.

VEGETABLES:

Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.. Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm. Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.

Fruits:

- Past rainy weather conditions were 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. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for Panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.
- Animal husbandry:**
- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

Dr Sujata Sethy
 (Nodal officer)



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Debasish Jena
 SMS (Agrometeorology)
 Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-234
 Date- 05/10/2021

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 0mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Mean relative humidity of the district was around 85-80%.

Forecasted period: Today(8.30IST) to 10th October (8.30IST)2021

Weather advisory: Light to very light rainfall/Thundershower is forecasted for upcoming 5 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 33-35°C and night temperature will be 26°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-94% and 53-63% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Baranga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	06/10/2021	07/10/2021	08/10/2021	09/10/2021	10/10/2021
Rainfall(mm)	4	5	4	5	3
T-Max(°C)	33	35	33	34	35
T-Min(°C)	26	26	26	26	26
Cloud Cover	4	7	6	6	3
RH Max (%)	93	94	94	92	88
RH Min (%)	60	60	63	59	53
Wind Speed (Kmph)	7	8	7	6	7
Wind Direction (deg)	197	203	203	203	198

Agromet Advisory

General advisory: AS there was dry condition was recorded in past week and very light to light rainfall with slight increase in temperature condition is forecasted in upcoming 5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm water level during the critical stage. Farmers should continue irrigation, pesticide and fertilizer application activities on upcoming days based upon rainfall forecast. Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilizing the past rain water.

Kharif Rice

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

Weather based Disease and pest of rice

- Due to slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area
- Due to water logging situation in past week 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:**
- Maize is at cob development and harvesting stage. Harvest the matured maize in dry days based upon forecast of rain. There may be Aphids and Thrips infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre. To control stem borer apply fipronil 5SC 400ml/acre in 200 litre water.

VEGETABLES:

Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.. Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm. Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.

Fruits:

- Past rainy weather conditions were 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. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.
- Animal husbandry:**
- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

Dr Sujata Sethy
 (Nodal officer)



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Debasish Jena
 SMS (Agrometeorology)
 Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-234
Date- 05/10/2021

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

The block received average 0mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Mean relative humidity of the district was around 85-80%.

Forecasted period: Today(8.30IST) to 10th October (8.30IST)2021

Weather advisory: Light to very light rainfall/Thundershower is forecasted for upcoming 5 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 33-35°C and night temperature will be 26°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-94% and 50-61% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	06/10/2021	07/10/2021	08/10/2021	09/10/2021	10/10/2021
Rainfall(mm)	4	5	4	5	3
T-Max(°C)	33	35	33	34	35
T-Min(°C)	26	26	26	26	26
Cloud Cover(octa)	4	7	6	6	3
RH Max (%)	93	94	93	92	88
RH Min (%)	60	57	61	59	50
Wind Speed (Kmph)	7	8	7	6	7
Wind Direction (deg)	199	225	203	198	198

Agromet Advisory

General advisory: AS there was dry condition was recorded in past week and very light to light rainfall with slight increase in temperature condition is forecasted in upcoming 5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm water level during the critical stage. Farmers should continue irrigation, pesticide and fertilizer application activities on upcoming days based upon rainfall forecast. Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilizing the past rain water.

Kharif Rice

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

Weather based Disease and pest of rice

- Due to slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area
- Due to water logging situation in past week 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:** Prevailing hot weather favours the infestation of **Mites, Mealy bug, Whitefly and scale insect** in sugarcane. If mites will be found the spray spiromesifen 22.9%SC 1ml/ltr of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre. To control scale insects apply Dimethoate 2ml/ltr water or methyl demeton 2ml/ltr water. To control white fly go for spraying of Thiamethoxam 40 gram in 200ltr water for one acre.

VEGETABLES:

Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.. Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm. Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.

Fruits:

- Past rainy weather conditions were 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. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.
- Animal husbandry:**
- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

Dr Sujata Sethy
(Nodal officer)



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Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-234
Date- 05/10/2021

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 6mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Mean relative humidity of the district was around 85-80%.

Forecasted period: Today(8.30IST) to 10th October (8.30IST)2021

Weather advisory: Light to very light rainfall/Thundershower is forecasted for upcoming 5 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 33-35°C and night temperature will be 26°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-94% and 53-62% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	06/10/2021	07/10/2021	08/10/2021	09/10/2021	10/10/2021
Rainfall(mm)	4	4	3	3	5
T-Max(°C)	33	34	33	34	35
T-Min(°C)	26	26	26	26	26
Cloud Cover(octa)	3	7	6	6	3
RH Max (%)	91	94	94	93	89
RH Min (%)	61	60	62	59	53
Wind Speed (Kmph)	7	8	8	6	7
Wind Direction (deg)	203	225	212	180	198

Agromet Advisory

General advisory: AS there was light rainfall was recorded in past week and very light to light rainfall with slight increase in temperature condition is forecasted in upcoming 5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm water level during the critical stage. Farmers should continue irrigation, pesticide and fertilizer application activities on upcoming days based upon rainfall forecast. Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilizing the past rain water.

Kharif Rice

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

Weather based Disease and pest of rice

- Due to slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 litre water.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area
- Due to water logging situation in past week 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:** Prevailing hot weather favours the infestation of **Mites, Mealy bug, Whitefly and scale insect** in sugarcane. If mites will be found the spray spiromesifen 22.9%SC 1ml/litre of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. To control scale insects apply Dimethoate 2ml/litre water or methyl demeton 2ml/litre water. To control white fly go for spraying of Thiamethoxam 40 gram in 200litre water for one acre.

VEGETABLES:

Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.. Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm. Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.

Fruits:

- Past rainy weather conditions were 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. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.
- Animal husbandry:**
- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

Dr Sujata Sethy
(Nodal officer)



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Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-234
 Date- 05/10/2021

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 0.3mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Mean relative humidity of the district was around 85-80%.

Forecasted period: Today(8.30IST) to 10th October (8.30IST)2021

Weather advisory: Light to very light rainfall/Thundershower is forecasted for upcoming 5 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be and it will be 33-36°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-93% and 53-61% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	06/10/2021	07/10/2021	08/10/2021	09/10/2021	10/10/2021
Rainfall(mm)	4	5	3	5	5
T-Max(°C)	33	34	33	34	36
T-Min(°C)	26	26	26	26	25
Cloud Cover(octal)	4	7	6	6	3
RH Max (%)	93	93	93	92	88
RH Min (%)	61	59	60	60	53
Wind Speed (Kmph)	8	9	8	7	7
Wind Direction (deg)	203	240	214	225	198

Agromet Advisory

General advisory: AS there was very light rainfall was recorded in past week and very light to light rainfall with slight increase in temperature condition is forecasted in upcoming 5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm water level during the critical stage. Farmers should continue irrigation, pesticide and fertilizer application activities on upcoming days based upon rainfall forecast. Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilizing the past rain water.

Kharif Rice

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

Weather based Disease and pest of rice

- Due to slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 litre water.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area
- Due to water logging situation in past week 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:** Prevailing hot weather favours the infestation of **Mites, Mealy bug, Whitefly and scale insect** in sugarcane. If mites will be found the spray spiromesifen 22.9%SC 1ml/litre of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. To control scale insects apply Dimethoate 2ml/litre water or methyl demeton 2ml/litre water. To control white fly go for spraying of Thiamethoxam 40 gram in 200litre water for one acre.

VEGETABLES:

Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.. Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm. Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.

Fruits:

- Past rainy weather conditions were 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. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.
- Animal husbandry:**
- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

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INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-234
Date- 05/10/2021

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 2mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Mean relative humidity of the district was around 85-80%.

Forecasted period: Today(8.30IST) to 10th October (8.30IST)2021

Weather advisory: Light to very light rainfall/Thundershower is forecasted for upcoming 5 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 34-35°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-96% and 50-61% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	06/10/2021	07/10/2021	08/10/2021	09/10/2021	10/10/2021
Rainfall(mm)	5	6	3	5	3
T-Max(°C)	34	34	35	35	35
T-Min(°C)	24	24	25	25	24
Cloud Cover(octa)	5	6	7	7	2
RH Max (%)	96	96	95	92	86
RH Min (%)	61	56	57	57	50
Wind Speed (Kmph)	5	5	3	3	4
Wind Direction (deg)	198	180	203	113	23

Agromet Advisory

General advisory: AS there was very light rainfall was recorded in past week and very light to light rainfall with slight increase in temperature condition is forecasted in upcoming 5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm water level during the critical stage. Farmers should continue irrigation, pesticide and fertilizer application activities on upcoming days based upon rainfall forecast. Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilizing the past rain water.

Kharif Rice

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

Weather based Disease and pest of rice

- Due to slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 litre water.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area
- Due to water logging situation in past week 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:** Prevailing hot weather favours the infestation of **Mites, Mealy bug, Whitefly and scale insect** in sugarcane. If mites will be found the spray spiromesifen 22.9%SC 1ml/litre of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. To control scale insects apply Dimethoate 2ml/litre water or methyl demeton 2ml/litre water. To control white fly go for spraying of Thiamethoxam 40 gram in 200litre water for one acre.

VEGETABLES:

Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.. Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm. Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.

Fruits:

- Past rainy weather conditions were 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. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for Panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.
- Animal husbandry:**
- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

Dr Sujata Sethy
(Nodal officer)



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Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



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

(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR NIALI



Bulletin No.-234

Date- 05/10/2021

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

The block received average 5mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Mean relative humidity of the district was around 85-80%.

Forecasted period: Today(8.30IST) to 10th October (8.30IST)2021

Weather advisory: Light to very light rainfall/Thundershower is forecasted for upcoming 5 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 33-35°C and night temperature will be 26°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-94% and 54-61% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	06/10/2021	07/10/2021	08/10/2021	09/10/2021	10/10/2021
Rainfall(mm)	3	4	4	5	5
T-Max(°C)	33	34	34	34	35
T-Min(°C)	26	26	26	26	26
Cloud Cover(octa)	2	6	6	6	3
RH Max (%)	89	91	94	92	90
RH Min (%)	60	61	61	60	54
Wind Speed(Kmph)	8	8	9	7	7
Wind Direction(deg)	199	225	207	225	191

Agromet Advisory

General advisory: AS there was very light rainfall was recorded in past week and very light to light rainfall with slight increase in temperature condition is forecasted in upcoming 5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm water level during the critical stage. Farmers should continue irrigation, pesticide and fertilizer application activities on upcoming days based upon rainfall forecast. Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilizing the past rain water.

Kharif Rice

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

Weather based Disease and pest of rice

- Due to slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area
- Due to water logging situation in past week 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:** Prevailing hot weather favours the infestation of **Mites, Mealy bug, Whitefly and scale insect** in sugarcane. If mites will be found the spray spiromesifen 22.9%SC 1ml/ltr of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre. To control scale insects apply Dimethoate 2ml/ltr water or methyl demeton 2ml/ltr water. To control white fly go for spraying of Thiamethoxam 40 gram in 200ltr water for one acre.

VEGETABLES:

Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre. Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm. Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.

Fruits:

- Past rainy weather conditions were 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. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for Panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.
- Animal husbandry:**
- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

Dr Sujata Sethy
(Nodal officer)



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Debasish Jena
SMS (Agrometeorology)
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INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-234
Date- 05/10/2021

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 5mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Mean relative humidity of the district was around 85-80%.

Forecasted period: Today(8.30IST) to 10th October (8.30IST)2021

Weather advisory: Light to very light rainfall/Thundershower is forecasted for upcoming 5 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 33-36°C and night temperature will be 26°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-94% and 53-61% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	06/10/2021	07/10/2021	08/10/2021	09/10/2021	10/10/2021
Rainfall(mm)	5	4	3	3	5
T-Max(°C)	33	34	33	34	36
T-Min(°C)	26	26	26	26	26
Cloud Cover(octa)	4	7	6	6	3
RH Max (%)	93	94	94	92	88
RH Min (%)	61	60	61	59	53
Wind Speed (Kmph)	8	8	8	7	7
Wind Direction (deg)	203	240	214	225	198

Agromet Advisory

General advisory: AS there was very light rainfall was recorded in past week and very light to light rainfall with slight increase in temperature condition is forecasted in upcoming 5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm water level during the critical stage. Farmers should continue irrigation, pesticide and fertilizer application activities on upcoming days based upon rainfall forecast. Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilizing the past rain water.

Kharif Rice

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

Weather based Disease and pest of rice

- Due to slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 litre water.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area
- Due to water logging situation in past week 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:** Prevailing hot weather favours the infestation of **Mites, Mealy bug, Whitefly and scale insect** in sugarcane. If mites will be found the spray spiromesifen 22.9%SC 1ml/litre of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. To control scale insects apply Dimethoate 2ml/litre water or methyl demeton 2ml/litre water. To control white fly go for spraying of Thiamethoxam 40 gram in 200litre water for one acre.

VEGETABLES:

Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.. Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm. Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.

Fruits:

- Past rainy weather conditions were 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 + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.
- Animal husbandry:**
- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

Dr Sujata Sethy
(Nodal officer)



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Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



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KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-234
Date- 05/10/2021

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 6mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Mean relative humidity of the district was around 85-80%.

Forecasted period: Today(8.30IST) to 10th October (8.30IST)2021

Weather advisory: Light to very light rainfall/Thundershower is forecasted for upcoming 5 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 33-36°C and night temperature will be 26°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-94% and 53-61% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	06/10/2021	07/10/2021	08/10/2021	09/10/2021	10/10/2021
Rainfall(mm)	4	4	3	4	5
T-Max(°C)	33	34	33	34	36
T-Min(°C)	26	26	26	26	26
Cloud Cover(octa)	4	7	6	6	3
RH Max (%)	93	94	94	93	88
RH Min (%)	61	60	61	59	53
Wind Speed (Kmph)	8	8	8	7	7
Wind Direction (deg)	203	240	214	225	198

Agromet Advisory

General advisory: AS there was light rainfall was recorded in past week and very light to light rainfall with slight increase in temperature condition is forecasted in upcoming 5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm water level during the critical stage. Farmers should continue irrigation, pesticide and fertilizer application activities on upcoming days based upon rainfall forecast. Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilizing the past rain water.

Kharif Rice

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

Weather based Disease and pest of rice

- Due to slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area
- Due to water logging situation in past week 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:** Prevailing hot weather favours the infestation of **Mites, Mealy bug, Whitefly and scale insect** in sugarcane. If mites will be found the spray spiromethifen 22.9%SC 1ml/litre of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. To control scale insects apply Dimethoate 2ml/litre water or methyl demeton 2ml/litre water. To control white fly go for spraying of Thiamethoxam 40 gram in 200litre water for one acre.

VEGETABLES:

Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.. Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm. Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.

Fruits:

- Past rainy weather conditions were 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 + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.
- Animal husbandry:**
- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

Dr Sujata Sethy
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KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-234
Date- 05/10/2021

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 4mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Mean relative humidity of the district was around 85-80%.

Forecasted period: Today(8.30IST) to 10th October (8.30IST)2021

Weather advisory: Light to very light rainfall/Thundershower is forecasted for upcoming 5 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 33-34°C and night temperature will be 27°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-89% and 56-65% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	06/10/2021	07/10/2021	08/10/2021	09/10/2021	10/10/2021
Rainfall(mm)	3	4	3	5	4
T-Max(°C)	33	33	33	33	34
T-Min(°C)	27	27	27	27	27
Cloud Cover(octa)	2	7	6	5	3
RH Max (%)	85	87	89	89	88
RH Min (%)	63	65	64	64	56
Wind Speed (Kmph)	10	10	11	9	8
Wind Direction (deg)	203	225	212	214	158

Agromet Advisory

General advisory: AS there was very light rainfall was recorded in past week and very light to light rainfall with slight increase in temperature condition is forecasted in upcoming 5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm water level during the critical stage. Farmers should continue irrigation, pesticide and fertilizer application activities on upcoming days based upon rainfall forecast. Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilizing the past rain water.

Kharif Rice

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

Weather based Disease and pest of rice

- Due to slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area
- Due to water logging situation in past week 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:** Prevailing hot weather favours the infestation of **Mites, Mealy bug, Whitefly and scale insect** in sugarcane. If mites will be found the spray spiromesifen 22.9%SC 1ml/litre of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. To control scale insects apply Dimethoate 2ml/litre water or methyl demeton 2ml/litre water. To control white fly go for spraying of Thiamethoxam 40 gram in 200litre water for one acre.

VEGETABLES:

Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre. Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm. Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.

Fruits:

- Pastrainy weather conditions were 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 + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.
- **Animal husbandry:**
- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

Dr Sujata Sethy
(Nodal officer)



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Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-234
Date- 05/10/2021

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 2mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C and 25°C, respectively. Mean relative humidity of the district was around 85-80%.

Forecasted period: Today(8.30IST) to 10th October (8.30IST)2021

Weather advisory: Light to very light rainfall/Thundershower is forecasted for upcoming 5 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 34-36°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-94% and 51-60% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	06/10/2021	07/10/2021	08/10/2021	09/10/2021	10/10/2021
Rainfall(mm)	5	6	3	5	3
T-Max(°C)	34	35	34	35	36
T-Min(°C)	26	26	26	26	25
Cloud Cover(octa)	5	7	7	7	2
RH Max (%)	94	94	93	92	88
RH Min (%)	59	56	60	60	51
Wind Speed (Kmph)	7	6	5	5	5
Wind Direction (deg)	199	203	198	180	30

Agromet Advisory

General advisory: AS there was very light rainfall was recorded in past week and very light to light rainfall with slight increase in temperature condition is forecasted in upcoming 5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm water level during the critical stage. Farmers should continue irrigation, pesticide and fertilizer application activities on upcoming days based upon rainfall forecast. Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilizing the past rain water.

Kharif Rice

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

Weather based Disease and pest of rice

- Due to slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 litre water.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area
- Due to water logging situation in past week 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:** Prevailing hot weather favours the infestation of **Mites, Mealy bug, Whitefly and scale insect** in sugarcane. If mites will be found the spray spiromesifen 22.9%SC 1ml/litre of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. To control scale insects apply Dimethoate 2ml/litre water or methyl demeton 2ml/litre water. To control white fly go for spraying of Thiamethoxam 40 gram in 200litre water for one acre.

VEGETABLES:

Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.. Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm. Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.

Fruits:

- Pastrainy weather conditions were 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 + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.
- Animal husbandry:**
- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

Dr Sujata Sethy
(Nodal officer)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
 (A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-234
 Date- 05/10/2021

				
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 advisories.

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

- 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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Debasish Jena
 SMS (Agrometeorology)
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