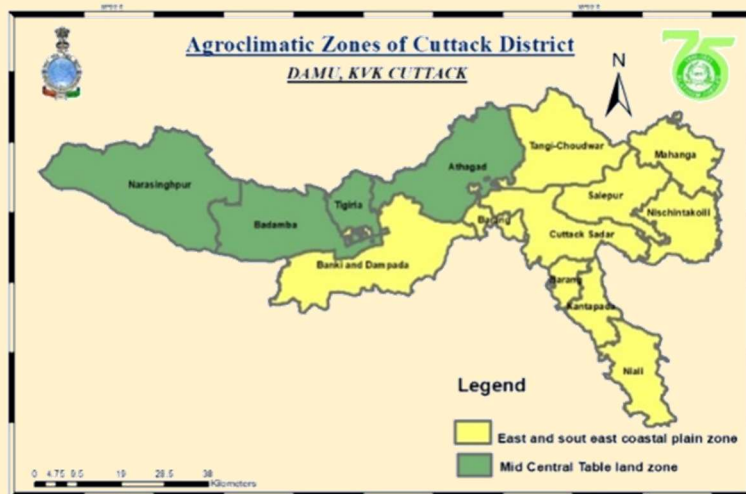




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 31st March, 2023
(For the period 31st March to 04th
April, 2023)*



*Issued by
District Agromet Unit,
KrishiVigyan Kendra Cuttack*



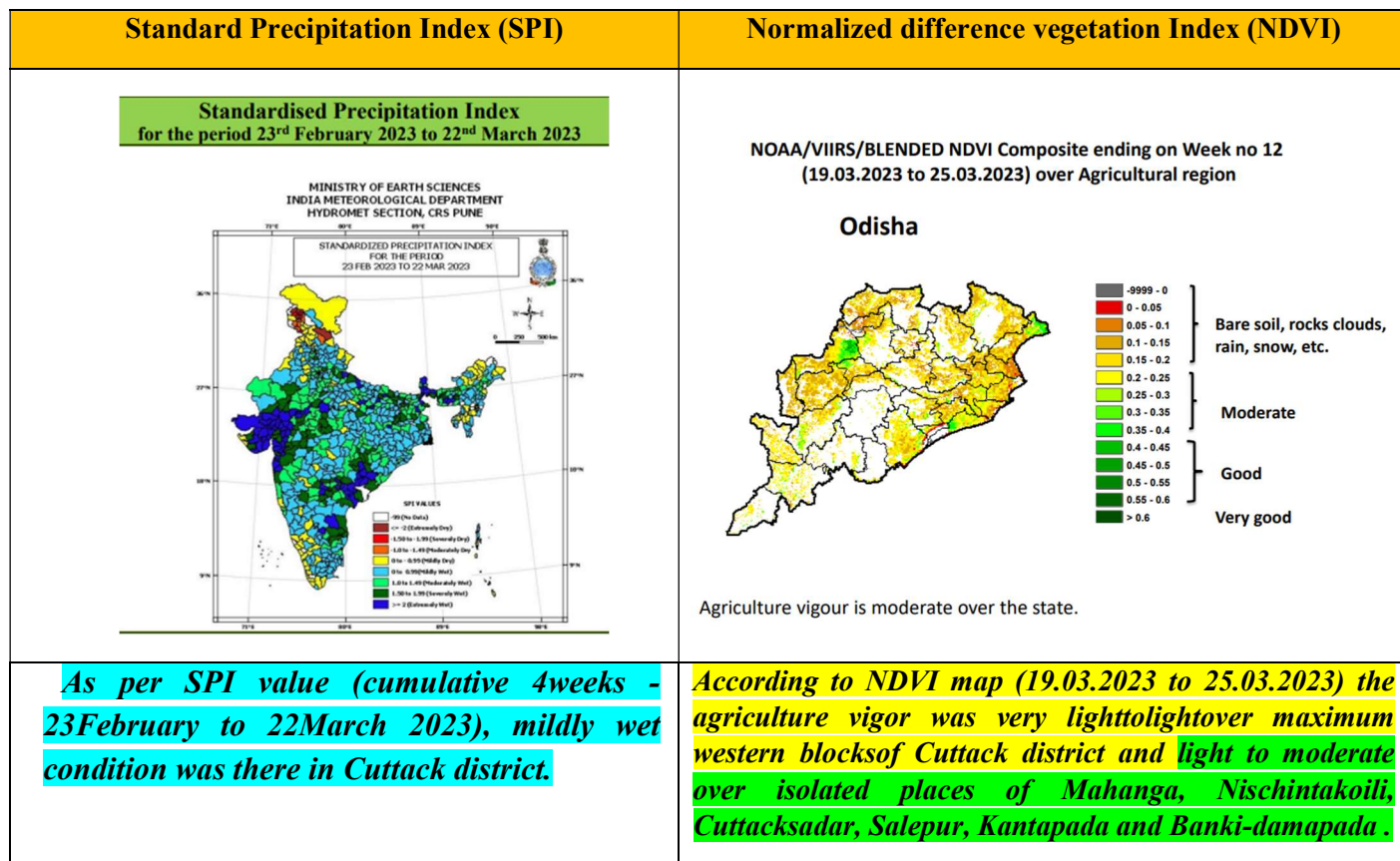


GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
 (A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-387
Date- 31/03/2023

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

LEGEND (Past week temperature)		
Color code	Temperature	Departure
	Below Normal	< 2°C from normal
	Normal	-2°C to +2°C from normal
	Above Normal	>2°C from normal

Dr Sujata Sethy
 (Nodal officer)



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

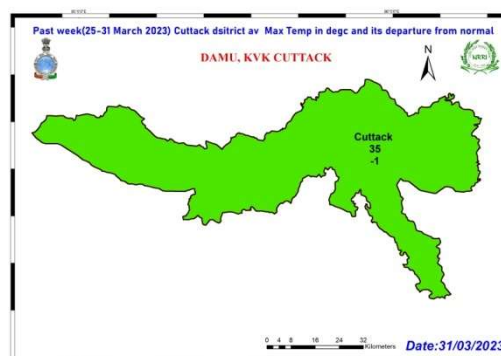
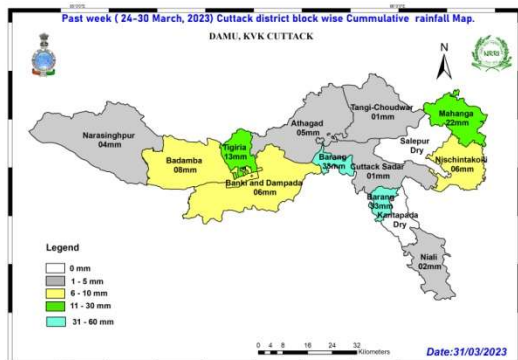


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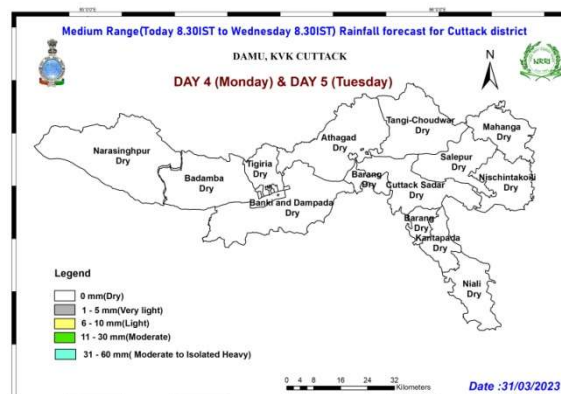
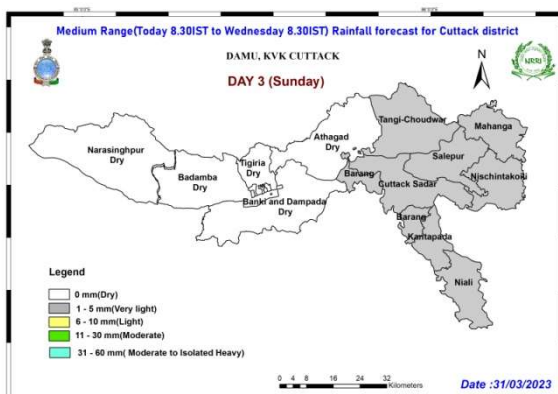
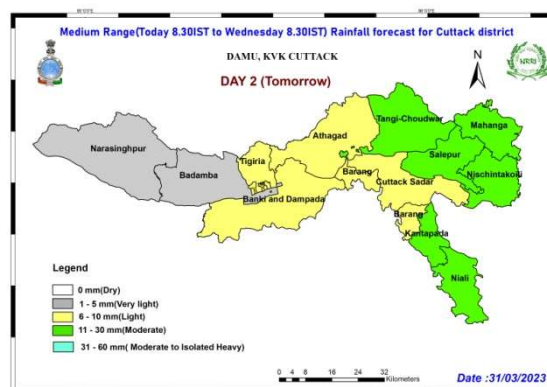
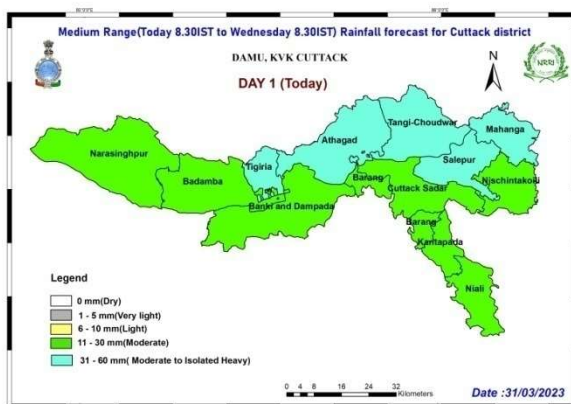


Bulletin No.-387
Date- 31/03/2023

Past week (24-30 March, 2023) cumulative rainfall (mm) and (25-31 March, 2023) average maximum temperature and its departure from normal for Cuttack district



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



Dr Sujata Sethy
(Nodal officer)



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Contact No-9861445080/7008453427



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KRISHI VIGYAN KENDRA CUTTACK
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Bulletin No.-387
 Date- 31/03/2023

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (04-11 April 2023)				
Odisha	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall(mm)	0.32	0.22	46.44	Above Normal
	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature (°C)	34.90	36.64	-1.74	Below normal
	Minimum temperature (°C)	21.75	23.24	-1.53	Normal

As per extended range outlook there will be light to moderate rainfall/Thundershower (Above normal rainfall) is forecasted in subsequent week (04-11 April, 2023) after 5 days for Odisha condition. So farmers should pause sowing of summer vegetables like cucurbits and crops like Maize and other farm operation like application of fertilizer and pesticide in the subsequent week and are advised to drain out excess water from the field.

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.-387
Date- 31/03/2023

General agro-met advisory for Thunderstorm/Lightening condition in Cuttack district

- *As maximum early sown Green gram, Black gram, Mustard, Groundnut crops and cucurbits, Brinjal, Tomato, Okra crop are at harvesting stage harvest them before thundershower and store them at safer places.*
- *Stop sowing, fertilizer/Pesticide application and irrigation activities during rainy days.*
- *Pause sowing of summer maize and cucurbits during thundershower period.*
- *Provide hail net to protect vegetables and young fruit plant from hail damage.*
- *Due to anticipation of water logging situation, they are advised to drain out excess water from field.*
- In view of thunderstorm accompanied with gusty winds, provide mechanical support to orchards, staking in vegetables.
- In Banana Drain the excess water as soon as possible. Spray 1% KNO₃ or Urea 2% solution 2-3 times during vegetative to flowering stage. Topdressing of booster dose of 80 g MOP + 100 g Urea per plant in two to three splits at monthly intervals.
- Keep animals away from open water, pond or river.
- Keep animals away from tractors and other metal farm equipment.
- Drain out excess water from standing crops.
- Cover the harvested produce with polythene sheet.
- Don't allow your animals to congregate under trees. Watch your animals closely and try to keep them under your direct control.



Dr Sujata Sethy
(Nodal officer)



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Debasish Jena
SMS (Agrometeorology)
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Bulletin No.-387
Date- 31/03/2023

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	Summer Rice (Irrigated)	Tillering		Blast
				BLB
				Leaf folder
				Stem borer
2	Pulses (Green gram and black gram)	Flowering to pod development		Anthracnose
				Cercospora leaf spot
				Wilting
				Rust
3	Rabi Groundnut	Flowering to maturity		Spodoptera/Tobacco caterpillar
				Tikka
4	Sugarcane	Vegetative to Tillering		Weeds

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5	Maize (Sweet corn)	3-5 week stage		Stem fly
				Leaf blight
				Stem rot
6	Tomato/Barinjal			Wilting
				Seedling rot
	Chilli	Nursery		Leaf curl
7	Cucurbits	Flowering to Fruiting stage		Downy mildew
8	Mango	Flowering to fruiting		Mango hooper
				Fruit borer
9	Banana			Sigatoka
10	Cashew	Nut development		Nut borer

Dr Sujata Sathy
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Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-387
Date- 31/03/2023

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 0.7 mm and district received average 1.27mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C (-0.81 from normal) and 24.2°C (+1.7 from normal), respectively. The mean relative humidity was 66-81%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2023

Weather advisory: *Moderate to isolated heavy rainfall/Thundershower is forecasted for today and light rainfall/thundershower is forecasted for tomorrow and Dry weather is forecasted for other 3days in the block.* The day temperature will be 32-36°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-83% and 16-37% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2023	01/04/2023	02/04/2023	03/04/2023	04/04/2023
Rainfall (mm)	32	10	0	0	0
T-Max (°C)	34	32	33	35	36
T-Min (°C)	26	25	25	25	26
Cloud Cover (octa)	3	3	2	2	2
RH Max (%)	80	78	83	82	77
RH Min (%)	37	36	26	16	17
Wind Speed (kmph)	17	11	9	12	14
Wind Direction (deg)	165	225	203	200	204

Crop specific Agro-met Advisory

Summer Rice (Irrigated):

The crop is at tillering stage. **Provide proper drainage channel to drain out excess water.**

• Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. 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 or Fipronil 5% SC @ 2 ml/litre of water in sunny days.

• Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control sprays tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of **Anthracoze and Cercopsera leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize: Due to anticipated water logging condition **stem rot** may be found, then farmers should apply carbendazim @ 2g/ltr water. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g/ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of **tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

Vegetables:

Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.

Tomato/Brinjal/ Chili: To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. The anticipated weather conditions are favorable for **Upward and downward leafcurl** in chilli. To control spray phosalon 3 ml. or diphenithiuron @ 1g./L of water.

Cucurbits:

After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.

Fruits:

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorovos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control **sigatoka leaf spot in banana**. Immediately after rain go for spraying of profenophos @ 1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control **nut borer in Cashew**.

Animal husbandry: Don't allow livestock to outside in view of thunderstorm activities.

Dr Sujata Sethy
(Nodal officer)



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



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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.-387
Date- 31/03/2023

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 1 mm and district received average 1.27mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C (-0.81 from normal) and 24.2°C (+1.7 from normal), respectively. The mean relative humidity was 66-81%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2023

Weather advisory: Moderate rainfall/Thundershower is forecasted for today and very light to light rainfall/thundershower is forecasted for tomorrow and Dry weather is forecasted for other 3days in the block. The day temperature will be 31-37°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-81% and 16-40% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2023	01/04/2023	02/04/2023	03/04/2023	04/04/2023
Rainfall(mm)	28	5	0	0	0
T-Max(°C)	34	31	33	35	37
T-Min(°C)	25	24	24	24	27
Cloud Cover(octa)	3	4	2	2	4
RH Max (%)	81	77	80	79	68
RH Min (%)	40	37	24	17	16
Wind Speed (Kmph)	15	11	8	11	13
Wind Direction (deg)	180	225	281	198	203

Crop specific Agro-met Advisory

Summer Rice (Irrigated):

The crop is at tillering stage. Provide proper drainage channel to drain out excess water.

• Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. 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 or Fipronil 5% SC @ 2 ml/litre of water in sunny days.

• Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control sprays tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize: Due to anticipated water logging condition **stem rot** may be found, then farmers should apply carbendazim @ 2g/ltr water. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of tobacco caterpillar infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

Vegetables:

Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.

Tomato/Brinjal/ Chilli: To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. The anticipated weather conditions are favorable for **Upward and downward leaf curl** in **chilli**. To control spray phosalon 3 ml. or diphenhiuron @ 1g./L of water.

Cucurbits:

After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.

Fruits:

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorovos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control **sigatoka leaf spot in banana**. Immediately after rain go for spraying of profenophos @ 1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control **nut borer in Cashew**.

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SMS (Agrometeorology)
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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.-387
Date- 31/03/2023

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 1.27mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C (-0.81 from normal) and 24.2°C (+1.7 from normal), respectively. The mean relative humidity was 66-81%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2023

Weather advisory: *Moderate rainfall/Thundershower is forecasted for today and light rainfall/thundershower is forecasted for tomorrow and Dry weather is forecasted for other 3days in the block.* The day temperature will be 32-37°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-84% and 17-40% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2023	01/04/2023	02/04/2023	03/04/2023	04/04/2023
Rainfall(mm)	26	6	0	0	0
T-Max(°C)	34	32	34	36	37
T-Min(°C)	25	25	24	24	27
Cloud Cover(octa)	3	4	2	2	3
RH Max (%)	80	77	84	82	72
RH Min (%)	40	35	26	17	19
Wind Speed (Kmph)	18	13	9	13	15
Wind Direction (deg)	165	210	206	205	207

Crop specific Agro-met Advisory

SummerRice (Irrigated):

The crop is at tillering stage. **Provide proper drainage channel to drain out excess water.**

- Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. 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 or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
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Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize: Due to anticipated water logging condition **stem rot** may be found, then farmers should apply carbendazim @ 2g/ltr water. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

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Tomato/Brinjal/ Chili: To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. The anticipated weather conditions are favorable for **Upward and downward leafcurl** in **chilli**. To control spray phosalon 3 ml. or diphenhiuron @ 1g./L of water.

Cucurbits:

After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.

Fruits:

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorovos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control **sigatoka leaf spot in banana**. Immediately after rain go for spraying of profenophos @ 1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control **nut borer in Cashew**.

Animal husbandry: Don't allow livestock to outside in view of thunderstorm activities.

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.-387
Date- 31/03/2023

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPADA

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

The block received average 0.9 mm and district received average 1.27mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C (-0.81 from normal) and 24.2°C (+1.7 from normal), respectively. The mean relative humidity was 66-81%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2023

Weather Advisory: Moderate rainfall/Thundershower is forecasted for today and light rainfall/thundershower is forecasted for tomorrow and Dry weather is forecasted for other 3days in the block. The day temperature will be 32-37°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-84% and 17-40% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2023	01/04/2023	02/04/2023	03/04/2023	04/04/2023
Rainfall(mm)	28	8	0	0	0
T-Max(°C)	34	32	34	36	37
T-Min(°C)	25	25	24	24	27
Cloud Cover(octa)	3	4	2	2	3
RH Max (%)	80	77	84	82	73
RH Min (%)	40	35	27	17	19
Wind Speed (Kmph)	18	13	10	13	15
Wind Direction (deg)	165	210	205	205	207

Crop specific Agro-met Advisory

SummerRice (Irrigated):

The crop is at tillering stage. Provide proper drainage channel to drain out excess water.

•Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. 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 or Fipronil 5% SC @ 2 ml/litre of water in sunny days.

•Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control sprays tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize: Due to anticipated water logging condition **stem rot** may be found, then farmers should apply carbendazim @ 2g/ltr water. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granules @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of **tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

Vegetables:

Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.

Tomato/Brinjal/ Chili: To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. The anticipated weather conditions are favorable for **Upward and downward leaf curl** in **chilli**. To control spray phosalon 3 ml. or diphenhiuron @ 1g./L of water.

Cucurbits:

After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.

Fruits:

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorvos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control **sigatoka leaf spot in banana**. Immediately after rain go for spraying of profenophos @ 1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control **nut borer in Cashew**.

Animal husbandry: Don't allow livestock to outside in view of thunderstorm activities.

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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.-387
Date- 31/03/2023

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 5 mm and district received average 1.27mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C (-0.81 from normal) and 24.2°C (+1.7 from normal), respectively. The mean relative humidity was 66-81%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2023

Weatheradvisory: Moderate rainfall/Thundershower is forecasted for today and very light to light rainfall/thundershower is forecasted for tomorrow and Sunday and Dry weather is forecasted for other 2days in the block. The day temperature will be 32-36°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-95% and 18-44% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Baranga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2023	01/04/2023	02/04/2023	03/04/2023	04/04/2023
Rainfall(mm)	25	10	2	0	0
T-Max(°C)	33	32	34	35	36
T-Min(°C)	26	25	25	25	26
Cloud Cover	3	3	2	2	1
RH Max (%)	82	80	85	85	85
RH Min (%)	44	37	30	18	23
Wind Speed (Kmph)	19	14	11	15	19
Wind Direction (deg)	199	216	208	203	204

Crop specific Agro-met Advisory

SummerRice (Irrigated):

The crop is at tillering stage. **Provide proper drainage channel to drain out excess water.**

- Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. 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 or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control sprays tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize: Due to anticipated water logging condition **stem rot** may be found, then farmers should apply carbendazim @ 2g/ltr water. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of tobacco caterpillar infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

Vegetables:

Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.

Tomato/Brinjal/ Chili: To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. The anticipated weather conditions are favorable for **Upward and downward leafcurl** in **chilli**. To control spray phosalon 3 ml. or diphenhiuron @ 1g./L of water.

Cucurbits:

After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.

Fruits:

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for the incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorovos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control **sigatoka leaf spot in banana**. Immediately after rain go for spraying of profenophos @ 1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control **nut borer in Cashew**.

Animal husbandry: Don't allow livestock to outside in view of thunderstorm activities.

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.-387
Date- 31/03/2023

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 0.2 mm and district received average 1.27mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C (-0.81 from normal) and 24.2°C (+1.7 from normal), respectively. The mean relative humidity was 66-81%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2023

Weather advisory: Moderate rainfall/Thundershower is forecasted for today and very light to light rainfall/thundershower is forecasted for tomorrow and Sunday and Dry weather is forecasted for other 2days in the block. The day temperature will be 32-36°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-85% and 16-40% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2023	01/04/2023	02/04/2023	03/04/2023	04/04/2023
Rainfall(mm)	27	10	2	0	0
T-Max(°C)	34	32	33	35	36
T-Min(°C)	26	26	25	26	26
Cloud Cover(octa)	3	3	2	1	1
RH Max (%)	84	79	84	85	84
RH Min (%)	40	36	29	16	19
Wind Speed (Kmph)	17	12	11	14	17
Wind Direction (deg)	197	225	205	203	204

Crop specific Agro-met Advisory

Summer Rice (Irrigated):

The crop is at tillering stage. Provide proper drainage channel to drain out excess water.

- Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. 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 or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control sprays tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize: Due to anticipated water logging condition **stem rot** may be found, then farmers should apply carbendazim @ 2g/ltr water. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of **tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

Vegetables:

Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.

Tomato/Brinjal/ Chili: To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. The anticipated weather conditions are favorable for **Upward and downward leafcurl** in **chilli**. To control spray phosalon 3 ml. or diphenhiuron @ 1g./L of water.

Cucurbits:

After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.

Fruits:

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for the incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorovos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control **sigatoka leaf spot in banana**. Immediately after rain go for spraying of profenophos @ 1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control **nut borer in Cashew**.

Animal husbandry: Don't allow livestock to outside in view of thunderstorm activities.

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.-387
Date- 31/03/2023

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 0 mm and district received average 1.27mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C (-0.81 from normal) and 24.2°C (+1.7 from normal), respectively. The mean relative humidity was 66-81%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2023

Weatheradvisory: *Moderate rainfall/Thundershower is forecasted for today and tomorrow and very light to light rainfall/thundershower is forecasted for Sunday and Dry weather is forecasted for other 2days in the block.* The day temperature will be 32-36°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-87% and 24-48% 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	31/03/2023	01/04/2023	02/04/2023	03/04/2023	04/04/2023
Rainfall(mm)	25	12	2	0	0
T-Max(°C)	32	33	34	36	35
T-Min(°C)	26	26	25	25	26
Cloud Cover(octa)	2	3	2	1	0
RH Max (%)	82	79	87	86	86
RH Min (%)	48	37	32	24	31
Wind Speed (Kmph)	20	16	13	16	22
Wind Direction (deg)	204	208	207	204	204

Crop specific Agro-met Advisory

SummerRice (Irrigated):

The crop is at tillering stage. **Provide proper drainage channel to drain out excess water.**

•Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. 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 or Fipronil 5% SC @ 2 ml/litre of water in sunny days.

•Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control sprays tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of **Anthraxnose and Cercopsera leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize: Due to anticipated water logging condition **stem rot** may be found, then farmers should apply carbendazim @ 2g/ltr water. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of tobacco caterpillar infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

Vegetables:

Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.

Tomato/Brinjal/ Chili: To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. The anticipated weather conditions are favorable for **Upward and downward leaf curl** in **chilli**. To control spray phosalon 3 ml. or diphenhiuron @ 1g./L of water.

Cucurbits:

After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.

Fruits:

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorovos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control **sigatoka leaf spot in banana**. Immediately after rain go for spraying of profenophos @ 1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control **nut borer in Cashew**.

Animal husbandry: Don't allow livestock to outside in view of thunderstorm activities.

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(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.-387
Date- 31/03/2023

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 3 mm and district received average 1.27mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C (-0.81 from normal) and 24.2°C (+1.7 from normal), respectively. The mean relative humidity was 66-81%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2023

Weather advisory: Moderate to isolated heavy rainfall/Thundershower is forecasted for today and tomorrow and very light to light rainfall/thundershower is forecasted for Sunday and Dry weather is forecasted for other 2 days in the block. The day temperature will be and it will be 32-36°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-87% and 17-42% 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	31/03/2023	01/04/2023	02/04/2023	03/04/2023	04/04/2023
Rainfall(mm)	34	13	2	0	0
T-Max(°C)	34	32	34	35	36
T-Min(°C)	26	25	25	25	26
Cloud Cover(octal)	3	3	2	1	1
RH Max (%)	86	81	85	87	86
RH Min (%)	42	39	32	17	22
Wind Speed (Kmph)	16	12	11	15	20
Wind Direction (deg)	203	225	208	200	204

Crop specific Agro-met Advisory

Summer Rice (Irrigated):

The crop is at tillering stage. Provide proper drainage channel to drain out excess water.

• Temperature below 28°C and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. 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 or Fipronil 5% SC @ 2 ml/litre of water in sunny days.

• Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control sprays tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize: Due to anticipated water logging condition **stem rot** may be found, then farmers should apply carbendazim @ 2g/ltr water. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granules @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of **tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

Vegetables:

Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.

Tomato/Brinjal/ Chili: To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. The anticipated weather conditions are favorable for **Upward and downward leaf curl** in **chilli**. To control spray phosalon 3 ml. or diphenthiuron @ 1g./L of water.

Cucurbits:

After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.

Fruits:

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorvos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control **sigatoka leaf spot in banana**. Immediately after rain go for spraying of profenophos @ 1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control **nut borer in Cashew**.

Animal husbandry: Don't allow livestock to outside in view of thunderstorm activities.

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.-387
Date- 31/03/2023

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 0.6 mm and district received average 1.27mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C (-0.81 from normal) and 24.2°C (+1.7 from normal), respectively. The mean relative humidity was 66-81%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2023

Weatheradvisory:: Moderate rainfall/Thundershower is forecasted for today and very light rainfall/thundershower is forecasted for tomorrow and Dry weather is forecasted for other 3days in the block. The day temperature will be 31-39°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-82% and 12-33% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2023	01/04/2023	02/04/2023	03/04/2023	04/04/2023
Rainfall(mm)	28	5	0	0	0
T-Max(°C)	34	31	33	36	39
T-Min(°C)	24	23	23	23	25
Cloud Cover(octa)	3	4	2	2	3
RH Max (%)	82	78	75	76	65
RH Min (%)	33	32	20	15	12
Wind Speed (Kmph)	9	8	5	8	9
Wind Direction (deg)	169	248	281	206	195

Crop specific Agro-met Advisory

SummerRice (Irrigated):

The crop is at tillering stage. Provide proper drainage channel to drain out excess water.

•Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. 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 or Fipronil 5% SC @ 2 ml/litre of water in sunny days.

•Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control sprays tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize: Due to anticipated water logging condition **stem rot** may be found, then farmers should apply carbendazim @ 2g/ltr water. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of tobacco caterpillar infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

Vegetables:

Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.

Tomato/Brinjal/ Chilli: To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. The anticipated weather conditions are favorable for **Upward and downward leaf curl** in **chilli**. To control spray phosalon 3 ml. or diphenhiuron @ 1g./L of water.

Cucurbits:

After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.

Fruits:

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorovos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control **sigatoka leaf spot in banana**. Immediately after rain go for spraying of profenophos @ 1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control **nut borer in Cashew**.

Animal husbandry: Don't allow livestock to outside in view of thunderstorm activities.

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.-387
Date- 31/03/2023

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 0.3 mm and district received average 1.27mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C (-0.81 from normal) and 24.2°C (+1.7 from normal), respectively. The mean relative humidity was 66-81%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2023

Weather advisory: Moderate rainfall/Thundershower is forecasted for today and tomorrow and very light to light rainfall/thundershower is forecasted for Sunday and Dry weather is forecasted for other 2days in the block. The day temperature will be 32-35°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-87% and 28-51% 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	31/03/2023	01/04/2023	02/04/2023	03/04/2023	04/04/2023
Rainfall(mm)	25	14	2	0	0
T-Max(°C)	32	33	35	35	34
T-Min(°C)	26	25	25	25	26
Cloud Cover(octa)	2	4	2	1	0
RH Max (%)	81	80	87	86	87
RH Min (%)	51	39	35	28	40
Wind Speed(Kmph)	21	17	16	18	23
Wind Direction(deg)	204	212	207	203	204

Crop specific Agro-met Advisory

Summer Rice (Irrigated):

The crop is at tillering stage. Provide proper drainage channel to drain out excess water.

• Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. 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 or Fipronil 5% SC @ 2 ml/litre of water in sunny days.

• Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control sprays tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize: Due to anticipated water logging condition **stem rot** may be found, then farmers should apply carbendazim @ 2g/ltr water. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granules @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of tobacco caterpillar infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **likka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

Vegetables:

Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.

Tomato/Brinjal/ Chili: To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. The anticipated weather conditions are favorable for **Upward and downward leaf curl** in **chilli**. To control spray phosalon 3 ml. or diphenhiuron @ 1g./L of water.

Cucurbits:

After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.

Fruits: Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorvos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control **sigatoka leaf spot in banana**. Immediately after rain go for spraying of profenophos @ 1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control **nut borer in Cashew**.

Animal husbandry: Don't allow livestock to outside in view of thunderstorm activities.

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.-387
Date- 31/03/2023

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

The block received average 0.9 mm and district received average 1.27mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C (-0.81 from normal) and 24.2°C (+1.7 from normal), respectively. The mean relative humidity was 66-81%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2023

Weather advisory: Moderate rainfall/Thundershower is forecasted for today and tomorrow and very light to light rainfall/thundershower is forecasted for Sunday and Dry weather is forecasted for other 2days in the block. The day temperature will be 32-36°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-87% and 19-44% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2023	01/04/2023	02/04/2023	03/04/2023	04/04/2023
Rainfall(mm)	27	15	2	0	0
T-Max(°C)	33	32	34	35	36
T-Min(°C)	26	25	25	25	26
Cloud Cover(octa)	3	3	2	1	1
RH Max (%)	85	81	85	87	87
RH Min (%)	44	39	33	19	25
Wind Speed (Kmph)	17	13	12	15	21
Wind Direction (deg)	203	238	205	203	204

Crop specific Agro-met Advisory

Summer Rice (Irrigated):

The crop is at tillering stage. Provide proper drainage channel to drain out excess water.

• Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. 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 or Fipronil 5% SC @ 2 ml/litre of water in sunny days.

• Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control sprays tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize: Due to anticipated water logging condition **stem rot** may be found, then farmers should apply carbendazim @ 2g/ltr water. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of tobacco caterpillar infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

Vegetables:

Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.

Tomato/Brinjal/ Chili: To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. The anticipated weather conditions are favorable for **Upward and downward leafcurl** in **chilli**. To control spray phosalon 3 ml. or diphenhiuron @ 1g./L of water.

Cucurbits:

After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.

Fruits:

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorovos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control **sigatoka leaf spot in banana**. Immediately after rain go for spraying of profenophos @ 1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control **nut borer in Cashew**.

Animal husbandry: Don't allow livestock to outside in view of thunderstorm activities.

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.-387
Date- 31/03/2023

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 0 mm and district received average 1.27mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C (-0.81 from normal) and 24.2°C (+1.7 from normal), respectively. The mean relative humidity was 66-81%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2023

Weather advisory: Moderate to isolated heavy rainfall/Thundershower is forecasted for today and tomorrow and very light to light rainfall/thundershower is forecasted for Sunday and Dry weather is forecasted for other 2days in the block. The day temperature will be 32-36°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-87% and 18-43% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2023	01/04/2023	02/04/2023	03/04/2023	04/04/2023
Rainfall(mm)	31	15	2	0	0
T-Max(°C)	33	32	34	35	36
T-Min(°C)	26	25	25	25	26
Cloud Cover(octa)	3	3	2	1	1
RH Max (%)	85	81	85	87	87
RH Min (%)	43	39	32	18	23
Wind Speed (Kmph)	17	13	12	15	20
Wind Direction (deg)	200	236	208	203	204

Crop specific Agro-met Advisory

SummerRice (Irrigated):

The crop is at tillering stage. Provide proper drainage channel to drain out excess water.

•Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. 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 or Fipronil 5% SC @ 2 ml/litre of water in sunny days.

•Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control sprays tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of **Anthraxnose and Cercopsera leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize: Due to anticipated water logging condition **stem rot** may be found, then farmers should apply carbendazim @ 2g/ltr water. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granules @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of tobacco caterpillar infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

Vegetables:

Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.

Tomato/Brinjal/ Chili: To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. The anticipated weather conditions are favorable for **Upward and downward leaf curl** in **chilli**. To control spray phosalon 3 ml. or diphenthiuron @ 1g./L of water.

Cucurbits:

After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.

Fruits:

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorvos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control **sigatoka leaf spot in banana**. Immediately after rain go for spraying of profenophos @ 1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control **nut borer in Cashew**.

Animal husbandry: Don't allow livestock to outside in view of thunderstorm activities.

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.-387
Date- 31/03/2023

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 0.1 mm and district received average 1.27mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C (-0.81 from normal) and 24.2°C (+1.7 from normal), respectively. The mean relative humidity was 66-81%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2023

Weather advisory: Moderate to isolated heavy rainfall/Thundershower is forecasted for today and tomorrow and very light to light rainfall/thundershower is forecasted for Sunday and Dry weather is forecasted for other 2days in the block. The day temperature will be 33-36°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-88% and 39-57% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	31/03/2023	01/04/2023	02/04/2023	03/04/2023	04/04/2023
Rainfall(mm)	34	13	2	0	0
T-Max(°C)	33	33	35	36	35
T-Min(°C)	27	26	27	27	27
Cloud Cover(octa)	2	3	2	1	0
RH Max (%)	84	80	85	88	86
RH Min (%)	57	53	43	39	52
Wind Speed (Kmph)	22	21	20	20	26
Wind Direction (deg)	204	225	212	203	204

Crop specific Agro-met Advisory

Summer Rice (Irrigated):

The crop is at tillering stage. Provide proper drainage channel to drain out excess water.

• Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. 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 or Fipronil 5% SC @ 2 ml/litre of water in sunny days.

• Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control sprays tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize: Due to anticipated water logging condition **stem rot** may be found, then farmers should apply carbendazim @ 2g/ltr water. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of tobacco caterpillar infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

Vegetables:

Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.

Tomato/Brinjal/ Chili: To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. The anticipated weather conditions are favorable for **Upward and downward leaf curl** in **chilli**. To control spray phosalon 3 ml. or diphenthiuron @ 1g./L of water.

Cucurbits:

After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.

Fruits:

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorovos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control **sigatoka leaf spot in banana**. Immediately after rain go for spraying of profenophos @ 1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control **nut borer in Cashew**.

Animal husbandry: Don't allow livestock to outside in view of thunderstorm activities.

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Debasish Jena
SMS (Agrometeorology)
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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.-387
Date- 31/03/2023

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 2 mm and district received average 1.27mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C (-0.81 from normal) and 24.2°C (+1.7 from normal), respectively. The mean relative humidity was 66-81%.

Forecasted period: Today(8.30IST) to 05th April (8.30IST)2023

Weather advisory: Moderate to isolated heavy rainfall/Thundershower is forecasted for today and light rainfall/thundershower is forecasted for tomorrow and Dry weather is forecasted for other 3 days in the block. The day temperature will be 32-37°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-82% and 17-38% 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	31/03/2023	01/04/2023	02/04/2023	03/04/2023	04/04/2023
Rainfall(mm)	34	9	0	0	0
T-Max(°C)	35	32	33	35	37
T-Min(°C)	25	25	24	24	27
Cloud Cover(octa)	3	3	2	2	3
RH Max (%)	81	78	82	80	73
RH Min (%)	38	36	26	17	17
Wind Speed (Kmph)	16	10	8	11	13
Wind Direction (deg)	180	225	203	195	207

Crop specific Agro-met Advisory

Summer Rice (Irrigated):

The crop is at tillering stage. Provide proper drainage channel to drain out excess water.

• Temperature below 28°C and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. 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 or Fipronil 5% SC @ 2 ml/litre of water in sunny days.

• Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control sprays tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize: Due to anticipated water logging condition **stem rot** may be found, then farmers should apply carbendazim @ 2g/ltr water. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granules @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of tobacco caterpillar infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

Vegetables:

Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.

Tomato/Brinjal/ Chili: To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. The anticipated weather conditions are favorable for **Upward and downward leafcurl** in **chilli**. To control spray phosalon 3 ml. or diphenthiuron @ 1g./L of water.

Cucurbits:

After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.

Fruits:

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorvos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control **sigatoka leaf spot in banana**. Immediately after rain go for spraying of profenophos @ 1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control **nut borer in Cashew**.

Animal husbandry: Don't allow livestock to outside in view of thunderstorm activities.

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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.-387
Date- 31/03/2023

				
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- Kindly install and use **“Meghdoot mobile App”** for Cuttack district weather forecast, warnings and weather based agromet advisory services.

<https://play.google.com/store/apps/details?id=com.aas.meghdoot>

- Kindly install and use **“Damini mobile App”** for location specific for lightening forecast and warnings.

<https://play.google.com/store/apps/details?id=com.lightening.live.damini>

- Follow the **block specific whats app groups** and join in your block wise groups for getting weather based agromet advisory services twice in a week (Tuesday and Friday) and other weather warning based farm management advisories.
- Follow the **Official Website links** to get the weather based agromet advisory service bulletins (**English & Odia**) twice in a week (Tuesday and Friday).

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

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