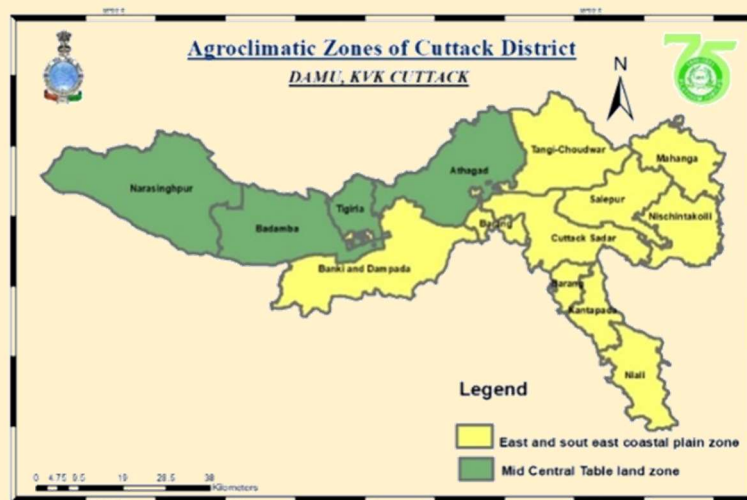




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 23rd February, 2024
(For the period 23rd to 27th February,
2024)*



*Issued by
District Agro-met Unit,
Krishi Vigyan Kendra Cuttack*





GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
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Bulletin No.-481
Date- 23/02/2024

STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p align="center">Standardised Precipitation Index for the period 28th September to 25th October 2023</p>	<p align="center">NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 07 (12.02.2024 to 18.02.2024) over Agricultural region</p> <p align="center">Odisha</p> <p align="center">Agriculture vigour is moderate at few places of the state.</p>
<p>As per SPI value (cumulative 4weeks -28 September to 25 October2023), Mildly drycondition was there in Cuttack district.</p>	<p>According to NDVI map (12.02.2024 to 18.02.2024) the agriculture vigor was very light (<0.3 NDVI value) over many places of most of blocks which indicates harvested/fallow area over the region and light (0.3-0.4 NDVI Value) value over Banki-Dampada, Badamba which indicates near to harvest/Seedling stage of crops/Vegetables.</p>

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

DrRanjan Kumar Mohanta
(Nodal officer)



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



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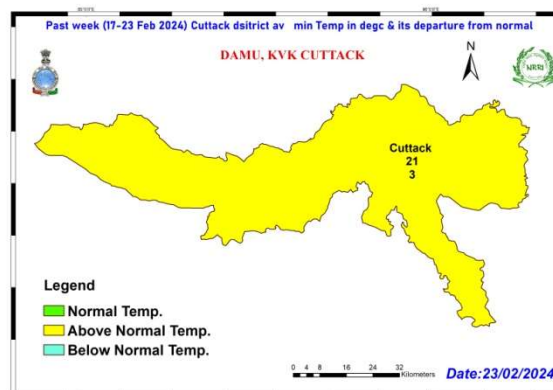
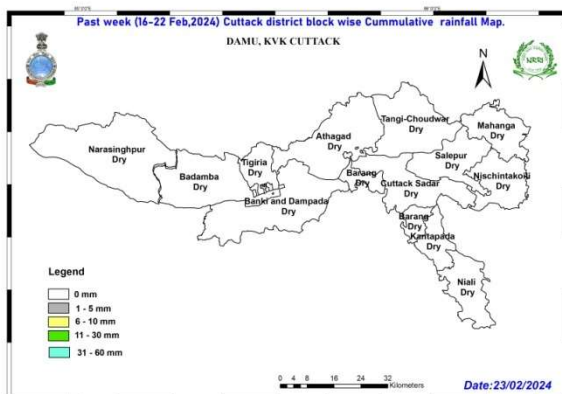
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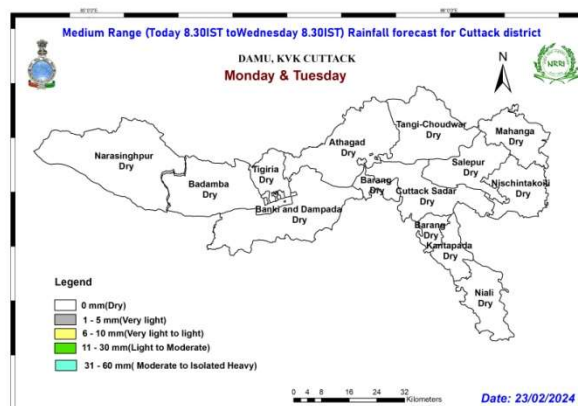
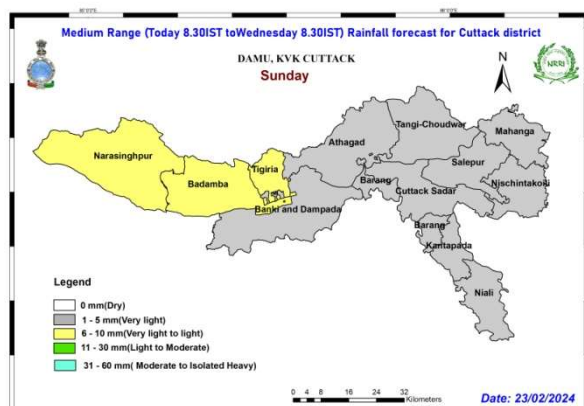
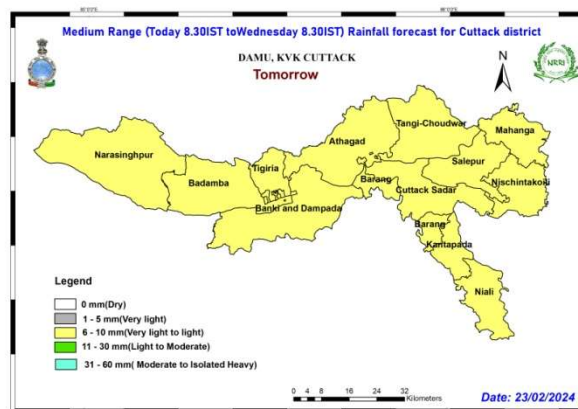
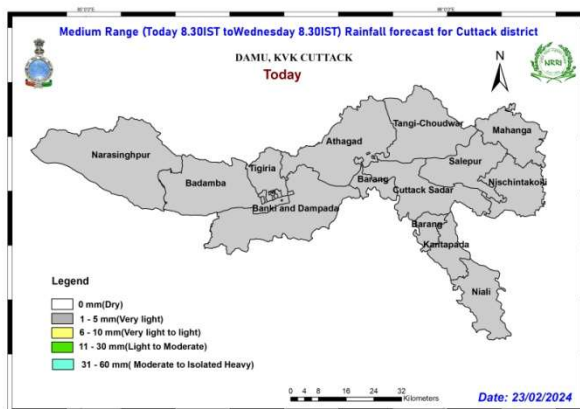
Bulletin No.-481

Date- 23/02/2024

Past week (16-22 Feb, 2024) cumulative rainfall (mm) and (17 -23 Feb, 2024) average weekly minimum temperature and its departure from normal for Cuttack district



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



DrRanjan Kumar Mohanta
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Bulletin No.-481

Date- 23/02/2024

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	Pulses (Green gram and black gram)	Flowering to pod development		Anthracnose
				Cercospera leaf spot
2	Rabi Groundnut	Flowering to maturity		Spodotera/Tobacco caterpillar
				Tikka
3	Sugarcane	Vegetative to Tillering		Weeds
4	Maize (Sweet corn)	3-5 week stage		Stem fly
				Leaf blight
5	Tomato/Barinjal			Wilting
				Seedling rot
6	Onion	Flowering to fruting		Purple blight
				Stemphyllium Blight

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Bulletin No.-481
Date- 23/02/2024

7	Cucurbits	Flowering to Fruiting stage		Downy mildew
8	Mango	Flowering to fruiting		Mango hooper
9	Banana			Sigatoka

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-481
Date- 23/02/2024

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 0mm & district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **33.7°C (+1.27°C from normal)** and **21.2°C (+2.7°C from normal)**, respectively. Mean relative humidity of the district was around 65-83%.

Forecasted period: Today(8.30IST) to 28thFebruary (8.30IST)2024

Weather advisory: *Very light to light rainfall/Thundershower is forecast for upcoming 3 days and dry weather is forecast for next 2 days in the block.* The day temperature will be 29-31°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-94% and 23-36% 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	23/02/2024	24/02/2024	25/02/2024	26/02/2024	27/02/2024
Rainfall (mm)	1	6	5	0	0
T-Max (°C)	30	29	30	30	31
T-Min (°C)	22	22	23	21	21
Cloud Cover (octa)	2	2	2	0	0
RH Max (%)	93	94	84	68	67
RH Min (%)	33	36	33	30	23
Wind Speed (kmph)	12	10	10	11	9
Wind Direction (deg)	77	122	152	117	113

Agromet Advisory

General Advisory: *Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging.*

- Harvest matured crops like pulses, oil seeds like mustard fruits, vegetables as soon as possible and keeps them at safer places.
- Stop irrigation and application of fertilizer and pesticides in upcoming 3 days.

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of **Anthraco nose 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.

Mustard:

Due to presence of humid wind there may be chances of aphid infestation, spray the mustard crop with Dimethoate 30 EC @1200 ml/ha along with water. Prevent mustard crop from **white rust disease**, spray 600 grams of soluble sulfur (80 percent) or 1 ml Dinocap 30 EC per liter of water

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 **fikka 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:

Tomato/Brinjal:

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.

Onion:

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

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. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in **banana**.

Animal husbandry:

As temperature was slightly increased hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

- In view of rainfall/thunderstorm activities Don't allow livestock to outside.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-481
Date- 23/02/2024

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

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **33.7°C (+1.27°C from normal)**and **21.2°C (+2.7°C from normal)**, respectively. Mean relative humidity of the district was around 65-83%.

Forecasted period: Today(8.30IST) to 28thFebruary (8.30IST)2024

Weatheradvisory: *Very light to light rainfall/Thundershower is forecast for upcoming 3 days and dry weather is forecast for next 2 days in the block.* The day temperature will be **30-33°C**and night temperature will be **19-21°C**for upcoming 5 days. Maximum and minimum relative humidity will be 72-95% and 22-34% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Badamba(VAID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/02/2024	24/02/2024	25/02/2024	26/02/2024	27/02/2024
Rainfall(mm)	3	6	6	0	0
T-Max(°C)	33	30	30	31	32
T-Min(°C)	21	21	21	19	19
Cloud Cover(octa)	2	1	2	0	0
RH Max (%)	92	95	81	72	75
RH Min (%)	26	34	32	29	22
Wind Speed (Kmph)	11	11	10	11	9
Wind Direction (deg)	90	153	135	150	150

Agromet Advisory

General Advisory: *Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging.*

- Harvest matured crops like pulses, oil seeds like mustard fruits, vegetables as soon as possible and keeps them at safer places.
- Stop irrigation and application of fertilizer and pesticides in upcoming 3 days.

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.

Mustard:

Due to presence of humid wind there may be chances of aphid infestation, spray the mustard crop with Dimithoate 30 EC @1200 ml/ha along with water. Prevent mustard crop from **white rust disease**, spray 600 grams of soluble sulfur (80 percent) or 1 ml Dinocap 30 EC per liter of water

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 liter of water.

Vegetables:

Tomato/Barinjal:

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.

Onion:

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

Cucutbits:

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) chloropyriphos @2.5ml/l. during initial stages of flowering. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in banana.

Animal husbandry:

As temperature was slightly increased hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management. In view of rainfall/thunderstorm activities Don't allow livestock to outside.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-481
Date- 23/02/2024

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **33.7°C (+1.27°C from normal)**and **21.2°C (+2.7°C from normal)**, respectively. Mean relative humidity of the district was around 65-83%.

Forecasted period: Today(8.30IST) to 28thFebruary (8.30IST)2024

Weatheradvisory: *Very light to light rainfall/Thundershower is forecast for upcoming 3 days and dry weather is forecasted for next 2 days in the block.* The day temperature will be 30-32°C and night temperature will be 20-22°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 74-94% and 22-35% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Banki(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/02/2024	24/02/2024	25/02/2024	26/02/2024	27/02/2024
Rainfall(mm)	1	7	5	0	0
T-Max(°C)	31	30	31	31	32
T-Min(°C)	21	22	22	20	20
Cloud Cover(octa)	2	2	2	0	0
RH Max (%)	94	94	85	74	75
RH Min (%)	31	35	32	30	22
Wind Speed (Kmph)	12	11	10	11	9
Wind Direction (deg)	77	153	148	135	120

Agromet Advisory

General Advisory: *Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging.*

- *Harvest matured crops like pulses, oil seeds like mustard fruits, vegetables as soon as possible and keeps them at safer places.*
- *Stop irrigation and application of fertilizer and pesticides in upcoming 3 days.*

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of **Anthracnose 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.

Mustard:

Due to presence of humid wind there may be chances of aphid infestation. spray the mustard crop with Dimithoate 30 EC @1200 ml/ha along with water. Prevent mustard crop from **white rust disease**, spray 600 grams of soluble sulfur (80 percent) or 1 ml Dinocap 30 EC per liter of water

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 ltr of water.

Vegetables:

Tomato/Barinjal:

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.

Onion:

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

Cucutbits:

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) chloropyrifos @2.5ml/l. during initial stages of flowering. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in **banana**.

Animal husbandry:

As temperature was slightly increased hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management. In view of rainfall/thunderstorm activities Don't allow livestock to outside.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-481

Date- 23/02/2024

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **33.7°C (+1.27°C from normal)**and **21.2°C (+2.7°C from normal)**, respectively. Mean relative humidity of the district was around 65-83%.

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Block	Banki-Dampada(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/02/2024	24/02/2024	25/02/2024	26/02/2024	27/02/2024
Rainfall(mm)	1	7	4	0	0
T-Max(°C)	31	30	31	31	31
T-Min(°C)	21	22	22	20	20
Cloud Cover(octa)	2	2	2	0	0
RH Max (%)	93	94	86	73	75
RH Min (%)	32	36	32	30	22
Wind Speed (Kmph)	12	11	10	11	9
Wind Direction (deg)	77	153	148	117	120

Agromet Advisory

General Advisory: *Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging.*

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Pulses:

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Mustard:

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Rabi-Groundnut:

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Vegetables:

Tomato/Barinjal:

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Onion:

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Cucutbits:

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) chloropyriphos @2.5ml/l. during initial stages of flowering. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in banana.

Animal husbandry:

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In view of rainfall/thunderstorm activities Don't allow livestock to outside.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-481
Date- 23/02/2024

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **33.7°C (+1.27°C from normal)** and **21.2°C (+2.7°C from normal)**, respectively. Mean relative humidity of the district was around 65-83%.

Forecasted period: Today(8.30IST) to 28th February(8.30IST)2024

Weatheradvisory: *Very light to light rainfall/Thundershower is forecast for upcoming 3 days and dry weather is forecasted for next 2 days in the block.* The day temperature will be **29-30°C** and night temperature will be **21-22°C**for upcoming 5 days. Maximum and minimum relative humidity will be 63-92% and 24-39% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Baranga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/02/2024	24/02/2024	25/02/2024	26/02/2024	27/02/2024
Rainfall(mm)	2	6	3	0	0
T-Max(°C)	30	29	30	29	30
T-Min(°C)	22	22	22	21	21
Cloud Cover	2	2	2	0	0
RH Max (%)	90	92	82	69	63
RH Min (%)	39	39	36	33	24
Wind Speed (Kmph)	12	9	11	12	9
Wind Direction (deg)	71	117	113	116	68

Agromet Advisory

General Advisory: *Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging.*

- Harvest matured crops like pulses, oil seeds like mustard fruits, vegetables as soon as possible and keeps them at safer places.
- Stop irrigation and application of fertilizer and pesticides in upcoming 3 days.

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.

Mustard:

Due to presence of humid wind there may be chances of aphid infestation, spray the mustard crop with Dimithoate 30 EC @1200 ml/ha along with water. Prevent mustard crop from **white rust disease**, spray 600 grams of soluble sulfur (80 percent) or 1 ml Dinocap 30 EC per liter of water

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 liter of water.

Vegetables:

Tomato/Brinjal:

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.

Onion:

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

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) chloropyriphos @2.5ml/l. during initial stages of flowering. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in banana.

Animal husbandry:

As temperature was slightly increased hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management. In view of rainfall/thunderstorm activities Don't allow livestock to outside.

DrRanjan Kumar Mohanta
(Nodal officer)



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

(A Unit of ICAR-National Rice Research Institute)

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AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR



Bulletin No.-481

Date- 23/02/2024

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **33.7°C (+1.27°C from normal)** and **21.2°C (+2.7°C from normal)**, respectively. Mean relative humidity of the district was around 65-83%.

Forecasted period: Today(8.30IST) to 28thFebruary (8.30IST)2024

Weatheradvisory: Very light to light rainfall/Thundershower is forecast for upcoming 3 days and dry weather is forecasted for next 2 days in the block. The day temperature will be **29-30°C** and night temperature will be **22-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 60-92% and 24-38% respectively. **There will be clear to partly cloudy for next 5 days.**

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/02/2024	24/02/2024	25/02/2024	26/02/2024	27/02/2024
Rainfall(mm)	1	6	2	0	0
T-Max(°C)	30	29	29	29	30
T-Min(°C)	22	23	23	22	22
Cloud Cover(octa)	2	2	2	0	0
RH Max (%)	91	92	82	66	60
RH Min (%)	38	36	37	32	24
Wind Speed (Kmph)	13	10	11	12	9
Wind Direction (deg)	71	144	108	113	60

Agromet Advisory

General Advisory: Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging.

- Harvest matured crops like pulses, oil seeds like mustard fruits, vegetables as soon as possible and keeps them at safer places.
- Stop irrigation and application of fertilizer and pesticides in upcoming 3 days.

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of **Anthraco nose 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.

Mustard:

Due to presence of humid wind there may be chances of aphid infestation. spray the mustard crop with Dimethoate 30 EC @1200 ml/ha along with water. Prevent mustard crop from **white rust disease**, spray 600 grams of soluble sulfur (80 percent) or 1 ml Dinocap 30 EC per liter of water

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:

Tomato/Brinjal:

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.

Onion:

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

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. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in **banana**.

Animal husbandry:

As temperature was slightly increased hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

In view of rainfall/thunderstorm activities Don't allow livestock to outside.

DrRanjan Kumar Mohanta
(Nodal officer)



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(A Unit of ICAR-National Rice Research Institute)



Bulletin No.-481
Date- 23/02/2024

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AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **33.7°C (+1.27°C from normal)**and **21.2°C (+2.7°C from normal)**, respectively. Mean relative humidity of the district was around 65-83%.

Forecasted period: Today(8.30IST) to 28thFebruary (8.30IST)2024

Weatheradvisory: *Very light to light rainfall/Thundershower is forecast for upcoming 3 days and dry weather is forecasted for next 2 days in the block.* The day temperature will be 29-31°C and night temperature will be 21-22°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 65-90% and 25-42% respectively. **There will be clear to partly cloudyfor next 5days.**

Block	Kantapada(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/02/2024	24/02/2024	25/02/2024	26/02/2024	27/02/2024
Rainfall(mm)	3	7	2	0	0
T-Max(°C)	31	29	30	30	31
T-Min(°C)	22	22	22	21	21
Cloud Cover(octa)	2	2	1	0	0
RH Max (%)	90	90	85	71	65
RH Min (%)	41	42	39	34	25
Wind Speed (Kmph)	12	9	11	12	10
Wind Direction (deg)	71	117	108	116	75

Agromet Advisory

General Advisory: *Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging.*

- *Harvest matured crops like pulses, oil seeds like mustard fruits, vegetables as soon as possible and keeps them at safer places.*
- *Stop irrigation and application of fertilizer and pesticides in upcoming 3 days.*

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of **Anthrachnose 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.

Mustard:

Due to presence of humid wind there may be chances of aphid infestation, spray the mustard crop with Dimithoate 30 EC @1200 ml/ha along with water. Prevent mustard crop from **white rust disease**, spray 600 grams of soluble sulfur (80 percent) or 1 ml Dinocap 30 EC per liter of water

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 **fikka 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 liter of water.

Vegetables:

Tomato/Barinjal:

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.

Onion:

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

Cucutbits:

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) chloropyriphos @2.5ml/l. during initial stages of flowering. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in banana.

Animal husbandry:

As temperature was slightly increased hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management. In view of rainfall/thunderstorm activities Don't allow livestock to outside.

DrRanjan Kumar Mohanta
(Nodal officer)



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(A Unit of ICAR-National Rice Research Institute)



Bulletin No.-481
Date- 23/02/2024

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AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **33.7°C (+1.27°C from normal)**and **21.2°C (+2.7°C from normal)**, respectively. Mean relative humidity of the district was around 65-83%.

Forecasted period: Today(8.30IST) to 28th February (8.30IST)2024

Weatheradvisory:: *Very light to light rainfall/Thundershower is forecast for upcoming 3 days and dry weather is forecasted for next 2 days in the block.* The day temperature will be and it will be **29-30°C** and night temperature will be **21-22°C**for upcoming 5 days. Maximum and minimum relative humidity will 61-90% and 27-42% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Mahanga(VAID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/02/2024	24/02/2024	25/02/2024	26/02/2024	27/02/2024
Rainfall(mm)	1	7	1	0	0
T-Max(°C)	30	29	29	29	30
T-Min(°C)	22	22	22	21	21
Cloud Cover(octal)	1	2	1	0	0
RH Max (%)	89	90	81	61	66
RH Min (%)	42	38	42	33	27
Wind Speed (Kmph)	13	9	10	12	9
Wind Direction (deg)	68	150	107	113	45

Agro-met Advisory

General Advisory: *Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging.*

- Harvest matured crops like pulses, oil seeds like mustard fruits, vegetables as soon as possible and keeps them at safer places.
- Stop irrigation and application of fertilizer and pesticides in upcoming 3 days.

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.

Mustard:

Due to presence of humid wind there may be chances of aphid infestation, spray the mustard crop with Dimithoate 30 EC @1200 ml/ha along with water. Prevent mustard crop from **white rust disease**, spray 600 grams of soluble sulfur (80 percent) or 1 ml Dinocap 30 EC per liter of water

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 liter of water.

Vegetables:

Tomato/Barinjal:

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.

Onion:

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

Cucutbits:

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) chloropyriphos @2.5ml/l. during initial stages of flowering. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in banana.

Animal husbandry:

As temperature was slightly increased hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

- In view of rainfall/thunderstorm activities Don't allow livestock to outside.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-481
Date- 23/02/2024

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AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **33.7°C (+1.27°C from normal)**and **21.2°C (+2.7°C from normal)**, respectively. Mean relative humidity of the district was around 65-83%.

Forecasted period: Today(8.30IST) to 28thFebruary (8.30IST)2024

Weatheradvisory: *Very light to light rainfall/Thundershower is forecast for upcoming 3 days and dry weather is forecasted for next 2 days in the block.* The day temperaturewill be **30-35°C** and night temperature will be **18-19°C**for upcoming 5 days. Maximum and minimum relative humidity will be 74-96% and 21-35% respectively. **There will be clear to partly cloudy for next 5days.**

Block	Narasinghpur(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/02/2024	24/02/2024	25/02/2024	26/02/2024	27/02/2024
Rainfall(mm)	1	6	7	0	0
T-Max(°C)	35	30	31	31	32
T-Min(°C)	19	19	19	18	18
Cloud Cover(octa)	2	1	2	0	1
RH Max (%)	93	96	85	74	78
RH Min (%)	21	35	31	27	21
Wind Speed (Kmph)	8	10	9	9	7
Wind Direction (deg)	90	148	135	158	158

Agromet Advisory

General Advisory: *Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging.*

- Harvest matured crops like pulses, oil seeds like mustard fruits, vegetables as soon as possible and keeps them at safer places.
- Stop irrigation and application of fertilizer and pesticides in upcoming 3 days.

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of **Anthrachnose 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.

Mustard:

Due to presence of humid wind there may be chances of aphid infestation, spray the mustard crop with Dimithoate 30 EC @1200 ml/ha along with water. Prevent mustard crop from **white rust disease**, spray 600 grams of soluble sulfur (80 percent) or 1 ml Dinocap 30 EC per liter of water

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 liter of water.

Vegetables:

Tomato/Barinjal:

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.

Onion:

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

Cucutbits:

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) chloropyriphos @2.5ml/l. during initial stages of flowering. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in banana.

Animal husbandry:

As temperature was slightly increased hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

- In view of rainfall/thunderstorm activities Don't allow livestock to outside.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-481
Date- 23/02/2024

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **33.7°C (+1.27°C from normal)**and **21.2°C (+2.7°C from normal)**, respectively. Mean relative humidity of the district was around 65-83%.

Forecasted period: Today(8.30IST) to 28thFebruary (8.30IST)2024

Weatheradvisory: *Very light to light rainfall/Thundershower is forecast for upcoming 3 days and dry weather is forecasted for next 2 days in the block.* The day temperature will be **30-31°C** and night temperature will be**20-22°C**for upcoming 5 days. Maximum and *minimum* relative humidity will be 68-88% and 27-44% respectively. **There will be clear to partly cloudy skyfor next 5days.**

Block	Niali(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/02/2024	24/02/2024	25/02/2024	26/02/2024	27/02/2024
Rainfall(mm)	3	7	2	0	0
T-Max(°C)	31	31	31	30	31
T-Min(°C)	22	22	21	20	20
Cloud Cover(octa)	1	1	1	0	0
RH Max (%)	88	88	87	74	68
RH Min (%)	43	44	42	36	27
Wind Speed(Kmph)	10	10	11	12	10
Wind Direction(deg)	90	135	107	113	75

Agromet Advisory

General Advisory: *Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging.*

- *Harvest matured crops like pulses, oil seeds like mustard fruits, vegetables as soon as possible and keeps them at safer places.*
- *Stop irrigation and application of fertilizer and pesticides in upcoming 3 days.*

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of **Anthrachnose 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.

Mustard:

Due to presence of humid wind there may be chances of aphid infestation. spray the mustard crop with Dimithoate 30 EC @1200 ml/ha along with water. Prevent mustard crop from **white rust disease**, spray 600 grams of soluble sulfur (80 percent) or 1 ml Dinocap 30 EC per liter of water

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 liter of water.

Vegetables:

Tomato/Barinjal:

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.

Onion:

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

Cucutbits:

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) chloropyrifos @2.5ml/l. during initial stages of flowering. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in **banana**.

Animal husbandry:

As temperature was slightly increased hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management. In view of rainfall/thunderstorm activities Don't allow livestock to outside.

DrRanjan Kumar Mohanta
(Nodal officer)



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



Bulletin No.-481
Date- 23/02/2024

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

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **33.7°C (+1.27°C from normal)** and **21.2°C (+2.7°C from normal)**, respectively. Mean relative humidity of the district was around 65-83%.

Forecasted period: Today(8.30IST) to 28thFebruary (8.30IST)2024

Weatheradvisory: Very light to light rainfall/Thundershower is forecast for upcoming 3 days and dry weather is forecasted for next 2 days in the block. The day temperature will be **29-30°C** and night temperature will be **21-22°C** for upcoming 5 days. Maximum and minimum relative humidity will be **63-90%** and **27-44%** 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	23/02/2024	24/02/2024	25/02/2024	26/02/2024	27/02/2024
Rainfall(mm)	2	7	1	0	0
T-Max(°C)	30	29	29	29	30
T-Min(°C)	22	22	22	21	21
Cloud Cover(octa)	1	1	1	0	0
RH Max (%)	89	90	82	63	66
RH Min (%)	44	39	42	34	27
Wind Speed (Kmph)	13	9	10	12	9
Wind Direction (deg)	71	120	107	113	45

Agromet Advisory

General Advisory: Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging.

- Harvest matured crops like pulses, oil seeds like mustard fruits, vegetables as soon as possible and keeps them at safer places.
- Stop irrigation and application of fertilizer and pesticides in upcoming 3 days.

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.

Mustard:

Due to presence of humid wind there may be chances of aphid infestation. spray the mustard crop with Dimithoate 30 EC @1200 ml/ha along with water. Prevent mustard crop from **white rust disease**, spray 600 grams of soluble sulfur (80 percent) or 1 ml Dinocap 30 EC per liter of water

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 liter of water.

Vegetables:

Tomato/Brinjal:

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.

Onion:

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

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) chloropyrifos @2.5ml/l. during initial stages of flowering. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in banana.

Animal husbandry:

As temperature was slightly increased hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

- In view of rainfall/thunderstorm activities, don't allow livestock to outside.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-481
Date- 23/02/2024

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **33.7°C (+1.27°C from normal)** and **21.2°C (+2.7°C from normal)**, respectively. Mean relative humidity of the district was around 65-83%.

Forecasted period: Today(8.30IST) to 28thFebruary (8.30IST)2024

Weather advisory: *Very light to light rainfall/Thundershower is forecast for upcoming 3 days and dry weather is forecasted for next 2 days in the block.* The day temperature will be **29-30°C** and night temperature will be **21-22°C** for upcoming 5 days. Maximum and minimum relative humidity will be 64-90% and 26-43% 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	23/02/2024	24/02/2024	25/02/2024	26/02/2024	27/02/2024
Rainfall(mm)	2	8	2	0	0
T-Max(°C)	30	29	29	29	30
T-Min(°C)	22	22	22	21	21
Cloud Cover(octa)	2	2	2	0	0
RH Max (%)	89	90	82	64	64
RH Min (%)	43	39	42	34	26
Wind Speed (Kmph)	13	9	10	12	9
Wind Direction (deg)	71	150	107	113	45

Agromet Advisory

General Advisory: *Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging.*

- *Harvest matured crops like pulses, oil seeds like mustard fruits, vegetables as soon as possible and keeps them at safer places.*
- *Stop irrigation and application of fertilizer and pesticides in upcoming 3 days.*

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.

Mustard:

Due to presence of humid wind there may be chances of aphid infestation, spray the mustard crop with Dimethoate 30 EC @1200 ml/ha along with water. Prevent mustard crop from **white rust disease**, spray 600 grams of soluble sulfur (80 percent) or 1 ml Dinocap 30 EC per liter of water

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 **fikka 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 liter of water.

Vegetables:

Tomato/Brinjal:

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.

Onion:

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

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. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in banana.

Animal husbandry:

As temperature was slightly increased hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

- **In view of rainfall/thunderstorm activities Don't allow livestock to outside.**

DrRanjan Kumar Mohanta
(Nodal officer)



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

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Bulletin No.-481

Date- 23/02/2024

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **33.7°C (+1.27°C from normal)** and **21.2°C (+2.7°C from normal)**, respectively. Mean relative humidity of the district was around 65-83%.

Forecasted period: Today(8.30IST) to 28th February (8.30IST)2024

Weatheradvisory:: Very light to light rainfall/Thundershower is forecast for upcoming 3 days and dry weather is forecasted for next 2 days in the block. The day temperature will be 30-32°C and night temperature will be 22-23°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 65-86% and 35-55% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Tangi-Choudwar(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/02/2024	24/02/2024	25/02/2024	26/02/2024	27/02/2024
Rainfall(mm)	2	6	3	0	0
T-Max(°C)	31	31	30	30	32
T-Min(°C)	23	23	23	22	22
Cloud Cover(octa)	2	0	1	0	0
RH Max (%)	86	85	81	65	76
RH Min (%)	55	50	51	40	35
Wind Speed (Kmph)	12	11	11	13	12
Wind Direction (deg)	90	124	113	109	34

Agromet Advisory

General Advisory: Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging.

- Harvest matured crops like pulses, oil seeds like mustard fruits, vegetables as soon as possible and keeps them at safer places.
- Stop irrigation and application of fertilizer and pesticides in upcoming 3 days.

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of **Anthrachnose 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.

Mustard:

Due to presence of humid wind there may be chances of aphid infestation, spray the mustard crop with Dimithoate 30 EC @1200 ml/ha along with water. Prevent mustard crop from **white rust disease**, spray 600 grams of soluble sulfur (80 percent) or 1 ml Dinocap 30 EC per liter of water

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 **fikka 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 liter of water.

Vegetables:

Tomato/Barinjal:

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.

Onion:

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

Cucutbits:

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) chloropyriphos @2.5ml/l. during initial stages of flowering. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in banana.

Animal husbandry:

As temperature was slightly increased hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

In view of rainfall/thunderstorm activities Don't allow livestock to outside.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-481
Date- 23/02/2024

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **33.7°C (+1.27°C from normal)**and **21.2°C (+2.7°C from normal)**, respectively. Mean relative humidity of the district was around 65-83%.

Forecasted period: Today(8.30IST) to 28th February (8.30IST)2024

Weatheradvisory: *Very light to light rainfall/Thundershower is forecast for upcoming 3 days and dry weather is forecasted for next 2 days in the block.* Thedaytemperature will be **30-31°C** and night temperature will be **21-22°C**for upcoming 5 days. Maximum and minimum relative humidity will be 68-94% and 23-35% respectively. **There will be clear to partly cloudy skyfor next 5days.**

Block	Tigiria(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/02/2024	24/02/2024	25/02/2024	26/02/2024	27/02/2024
Rainfall(mm)	3	6	6	0	0
T-Max(°C)	31	30	30	31	31
T-Min(°C)	21	22	22	21	21
Cloud Cover(octa)	2	2	3	0	0
RH Max (%)	92	94	82	68	69
RH Min (%)	30	35	33	30	23
Wind Speed (Kmph)	12	11	10	11	9
Wind Direction (deg)	90	135	153	120	135

Agro met Advisory

General Advisory: *Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging.*

- *Harvest matured crops like pulses, oil seeds like mustard fruits, vegetables as soon as possible and keeps them at safer places.*
- *Stop irrigation and application of fertilizer and pesticides in upcoming 3 days.*

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.

Mustard:

Due to presence of humid wind there may be chances of aphid infestation. spray the mustard crop with Dimithoate 30 EC @1200 ml/ha along with water. Prevent mustard crop from **white rust disease**, spray 600 grams of soluble sulfur (80 percent) or 1 ml Dinocap 30 EC per liter of water

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 liter of water.

Vegetables:

Tomato/Barinjal:

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.

Onion:

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

Cucutbits:

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) chloropyrifos @2.5ml/l. during initial stages of flowering. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in **banana**.

Animal husbandry:

As temperature was slightly increased hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management. In view of rainfall/thunderstorm activities Don't allow livestock to outside.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-481
 Date- 23/02/2024

				
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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	Agromet division, IMD, Pune	https://imdagrmet.gov.in/imdproject/AGIndex.php	