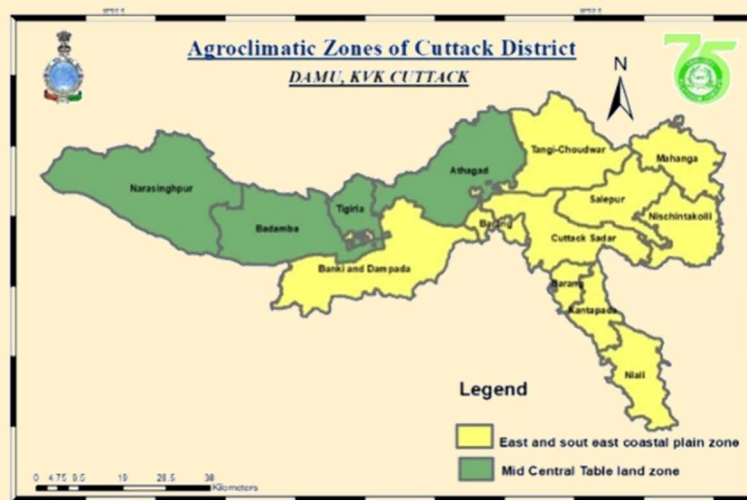




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Tuesday, 27th February, 2024
(For the period 27th February to 02nd
March, 2024)*



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





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DISTRICT AGROMET UNIT
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Bulletin No.-482
Date- 27/02/2024

STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p>Standardised Precipitation Index for the period 28th September to 25th October 2023</p> <p>As per SPI value (cumulative 4weeks -28 September to 25 October2023), Mildly drycondition was there in Cuttack district.</p>	<p>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>Agriculture vigour is moderate at few places of the state.</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) valueover 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
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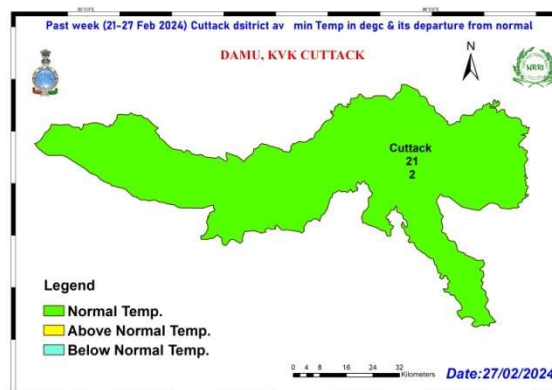
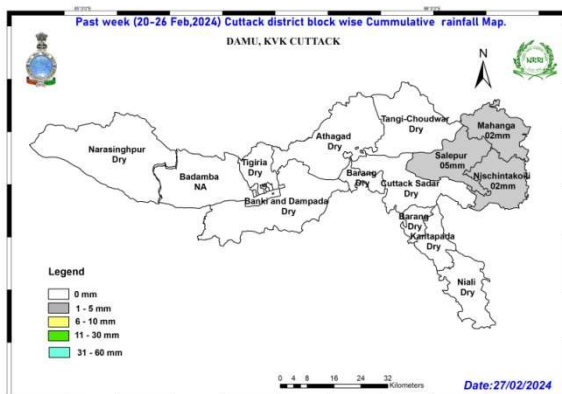
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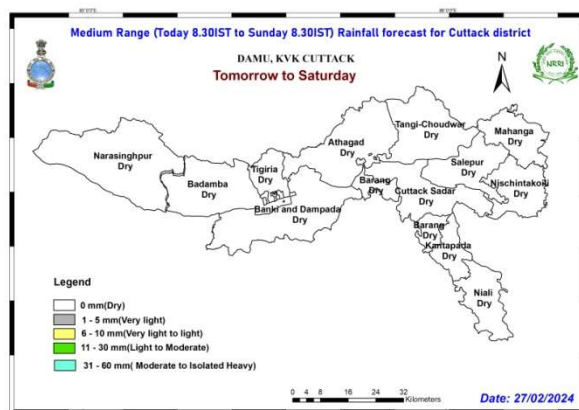
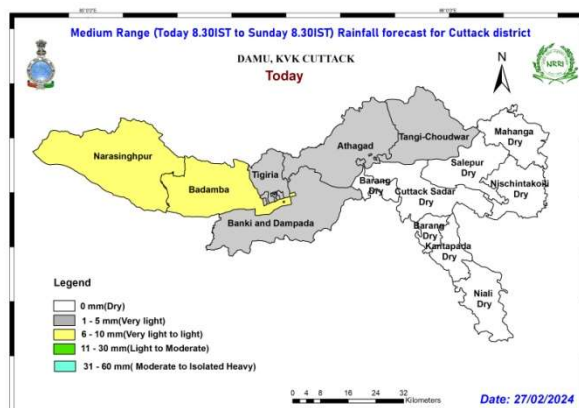
Bulletin No.-482

Date- 27/02/2024

Past week (20-26 Feb, 2024) cumulative rainfall (mm) and (21-27 Feb, 2024) average weekly minimum temperature and its departure from normal for Cuttack district



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



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Bulletin No.-482
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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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(Nodal officer)



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Bulletin No.-482
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7	Cucurbits	Flowering to Fruiting stage		Downy mildew
8	Mango	Flowering to fruiting		Mango hooper
9	Banana			Sigatoka

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Bulletin No.-482
Date- 27/02/2024

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 0.1 mm rainfall during the last week. The mean daily maximum and minimum temperature was **32.28°C (-0.84°C from normal)** and **20.7°C (+1.7°C from normal)**, respectively. Mean relative humidity of the district was around 61-75%.

Forecasted period: Today(8.30IST) to 03rd March (8.30IST)2024

Weather advisory: *Very light to light rainfall/Thundershower is forecast for today and dry weather is forecast for next 4 days in the block.* The day temperature will be **31-33°C** and night temperature will be **22-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 70-87% and 22-33% 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	27/02/2024	28/02/2024	29/02/2024	01/03/2024	02/03/2024
Rainfall (mm)	4	0	0	0	0
T-Max (°C)	31	32	33	33	33
T-Min (°C)	22	23	22	22	22
Cloud Cover (octa)	1	2	2	1	2
RH Max (%)	71	70	76	87	86
RH Min (%)	33	26	25	22	22
Wind Speed (kmph)	8	9	8	9	10
Wind Direction (deg)	124	150	206	165	193

Agromet Advisory

General Advisory: Resume sowing activities of summer vegetables like Cucumber, pumpkin, pointed, ridge and bottle gourds, watermelons from tomorrow by utilizing the soil moisture and provide irrigation after today in frequent interval in crops and vegetables especially in flowering stage in view of increase in day time temperature.

Pulses:

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.

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:

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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Bulletin No.-482
Date- 27/02/2024

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 district received average 0.1 mm rainfall during the last week. The mean daily maximum and minimum temperature was **32.28°C (-0.84°C from normal)** and **20.7°C (+1.7°C from normal)** respectively. Mean relative humidity of the district was around 61-75%.

Forecasted period: Today(8.30IST) to 03rd March (8.30IST)2024

Weather advisory: *Very light to light rainfall/Thundershower is forecast for today and dry weather is forecasted for next 4days in the block.* The day temperature will be **31-33°C** and night temperature will be **21-22°C** for upcoming 5 days. Maximum and minimum relative humidity will be 70-85% and 19-33% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/02/2024	28/02/2024	29/02/2024	01/03/2024	02/03/2024
Rainfall(mm)	8	0	0	0	0
T-Max(°C)	31	31	33	33	33
T-Min(°C)	21	22	22	21	21
Cloud Cover(octa)	1	2	1	1	1
RH Max (%)	77	71	70	85	83
RH Min (%)	33	27	25	19	20
Wind Speed (Kmph)	8	9	7	8	9
Wind Direction (deg)	150	165	203	165	193

Agromet Advisory

General Advisory: *Resume sowing activities of summer vegetables like Cucumber, pumpkin, pointed, ridge and bottle gourds, watermelons from tomorrow by utilizing the soil moisture and provide irrigation after today in frequent interval in crops and vegetables especially in flowering stage in view of increase in day time temperature.*

Pulses:

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:

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 Difenoconazole 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.-482
Date- 27/02/2024

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 0.1 mm rainfall during the last week. The mean daily maximum and minimum temperature was **32.28°C (-0.84°C from normal)** and **20.7°C (+1.7°C from normal)** respectively. Mean relative humidity of the district was around 61-75%.

Forecasted period: Today(8.30IST) to 03rd March (8.30IST)2024

Weather advisory: *Very light to light rainfall/Thundershower is forecast for today and dry weather is forecast for next 4 days in the block.* The day temperature will be **31-34°C** and night temperature will be **22-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 70-87% and 22-33% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/02/2024	28/02/2024	29/02/2024	01/03/2024	02/03/2024
Rainfall(mm)	4	0	0	0	0
T-Max(°C)	31	31	33	34	32
T-Min(°C)	22	23	22	22	22
Cloud Cover(octa)	1	2	2	1	1
RH Max (%)	74	70	73	87	84
RH Min (%)	33	27	25	22	22
Wind Speed (Kmph)	8	10	9	9	11
Wind Direction (deg)	150	165	203	165	193

Agromet Advisory

General Advisory: *Resume sowing activities of summer vegetables like Cucumber, pumpkin, pointed, ridge and bottle gourds, watermelons from tomorrow by utilizing the soil moisture and provide irrigation after today in frequent interval in crops and vegetables especially in flowering stage in view of increase in day time temperature.*

Pulses:

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.

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:

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:

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.-482

Date- 27/02/2024

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 0.1 mm rainfall during the last week. The mean daily maximum and minimum temperature was **32.28°C (-0.84°C from normal)** and **20.7°C (+1.7°C from normal)**, respectively. Mean relative humidity of the district was around 61-75%.

Forecasted period: Today(8.30IST) to 03rd March (8.30IST)2024

Weather Advisory: *Very light to light rainfall/Thundershower is forecast for today and dry weather is forecasted for next 4 days in the block.* The day temperature will be **31-34°C** and night temperature will be **22-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 70-87% and 22-33% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/02/2024	28/02/2024	29/02/2024	01/03/2024	02/03/2024
Rainfall(mm)	4	0	0	0	0
T-Max(°C)	31	31	33	34	32
T-Min(°C)	22	23	22	22	22
Cloud Cover(octa)	1	2	2	1	1
RH Max (%)	74	70	74	87	84
RH Min (%)	33	27	25	22	22
Wind Speed (Kmph)	8	10	9	9	11
Wind Direction (deg)	150	165	210	165	193

Agromet Advisory

General Advisory: *Resume sowing activities of summer vegetables like Cucumber, pumpkin, pointed, ridge and bottle gourds, watermelons from tomorrow by utilizing the soil moisture and provide irrigation after today in frequent interval in crops and vegetables especially in flowering stage in view of increase in day time temperature.*

Pulses:

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Mustard:

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Rabi-Groundnut:

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:

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Onion:

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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:

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

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(Nodal officer)



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Bulletin No.-482
Date- 27/02/2024

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 0.1 mm rainfall during the last week. The mean daily maximum and minimum temperature was **32.28°C (-0.84°C from normal)** and **20.7°C (+1.7°C from normal)**, respectively. Mean relative humidity of the district was around 61-75%.

Forecasted period: Today(8.30IST) to 03rd March(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 31-34°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-89% and 26-35% 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	27/02/2024	28/02/2024	29/02/2024	01/03/2024	02/03/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	32	33	34	32
T-Min(°C)	22	23	22	22	22
Cloud Cover	0	1	2	1	1
RH Max (%)	68	70	81	89	88
RH Min (%)	35	28	26	29	26
Wind Speed (Kmph)	9	10	10	9	12
Wind Direction (deg)	135	236	207	189	198

Agromet Advisory

General Advisory: *Resume sowing activities of summer vegetables like Cucumber, pumpkin, pointed, ridge and bottle gourds, watermelons by utilizing the soil moisture and provide irrigation after today in frequent interval in crops and vegetables especially in flowering stage in view of increase in day time temperature.*

Pulses:

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:

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:

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.

DrRanjan Kumar Mohanta
(Nodal officer)



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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)



Bulletin No.-482
Date- 27/02/2024

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

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 0mm & district received average 0.1 mm rainfall during the last week. The mean daily maximum and minimum temperature was **32.28°C (-0.84°C from normal)** and **20.7°C (+1.7°C from normal)**, respectively. Mean relative humidity of the district was around 61-75%.

Forecasted period: Today(8.30IST) to 03rd March (8.30IST)2024

Weather advisory: *Dry weather is forecasted for next 5 days in the block.* The day temperature will be **31-34°C** and night temperature will be **22-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 68-89% and 25-33% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/02/2024	28/02/2024	29/02/2024	01/03/2024	02/03/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	32	33	34	33
T-Min(°C)	22	23	22	22	22
Cloud Cover(octa)	0	1	2	2	2
RH Max (%)	68	70	82	89	89
RH Min (%)	33	26	25	26	25
Wind Speed (Kmph)	9	9	9	9	11
Wind Direction (deg)	135	243	203	195	193

Agromet Advisory

General Advisory: *Resume sowing activities of summer vegetables like Cucumber, pumpkin, pointed, ridge and bottle gourds, watermelons by utilizing the soil moisture and provide irrigation after today in frequent interval in crops and vegetables especially in flowering stage in view of increase in day time temperature.*

Pulses:

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:

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:

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.

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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AGROMET ADVISORY BULLETIN FOR KANTAPADA



Bulletin No.-482

Date- 27/02/2024

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

The block received average 0mm & district received average 0.1 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.28°C (-0.84°C from normal) and 20.7°C (+1.7°C from normal), respectively. Mean relative humidity of the district was around 61-75%.

Forecasted period: Today(8.30IST) to 03rd March (8.30IST)2024

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be 31-33°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-89% and 28-38% respectively. There will be clear to partly cloudy for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/02/2024	28/02/2024	29/02/2024	01/03/2024	02/03/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	32	33	33	33
T-Min(°C)	21	22	22	22	23
Cloud Cover(octa)	0	1	1	1	1
RH Max (%)	69	72	84	89	87
RH Min (%)	38	29	28	35	28
Wind Speed (Kmph)	10	9	11	10	13
Wind Direction (deg)	109	236	201	180	201

Agromet Advisory

General Advisory: Resume sowing activities of summer vegetables like Cucumber, pumpkin, pointed, ridge and bottle gourds, watermelons by utilizing the soil moisture and provide irrigation after today in frequent interval in crops and vegetables especially in flowering stage in view of increase in day time temperature.

Pulses:

There may be chances of infestation of Anthracnose 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.

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:

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 Difenoconazole 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.





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

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AGROMET ADVISORY BULLETIN FOR MAHANGA



Bulletin No.-482

Date- 27/02/2024

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

The block received average 0.3mm & district received average 0.1 mm rainfall during the last week. The mean daily maximum and minimum temperature was **32.28°C (-0.84°C from normal)** and **20.7°C (+1.7°C from normal)**, respectively. Mean relative humidity of the district was around 61-75%.

Forecasted period: Today(8.30IST) to 03rd March (8.30IST)2024

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be and it will be **31-33°C** and night temperature will be **21-22°C** for upcoming 5 days. Maximum and minimum relative humidity will 64-90% and 26-36% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/02/2024	28/02/2024	29/02/2024	01/03/2024	02/03/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	32	33	33	33
T-Min(°C)	21	22	21	21	21
Cloud Cover(octal)	0	0	2	1	1
RH Max (%)	64	68	83	87	90
RH Min (%)	36	29	26	32	28
Wind Speed (Kmph)	10	9	9	9	10
Wind Direction (deg)	90	243	214	243	193

Agro-met Advisory

General Advisory: Resume sowing activities of summer vegetables like Cucumber, pumpkin, pointed, ridge and bottle gourds, watermelons by utilizing the soil moisture and provide irrigation after today in frequent interval in crops and vegetables especially in flowering stage in view of increase in day time temperature.

Pulses:

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:

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:

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.





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



Bulletin No.-482
Date- 27/02/2024

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

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 0.1 mm rainfall during the last week. The mean daily maximum and minimum temperature was **32.28°C (-0.84°C from normal)** and **20.7°C (+1.7°C from normal)**, respectively. Mean relative humidity of the district was around 61-75%.

Forecasted period: Today(8.30IST) to 03rd March (8.30IST)2024

Weather advisory: *Very light to light rainfall/Thundershower is forecast for today and dry weather is forecasted for next 4days in the block.* The day temperature will be **31-35°C** and night temperature will be **20-21°C** for upcoming 5 days. Maximum and minimum relative humidity will be 66-85% and 17-34% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/02/2024	28/02/2024	29/02/2024	01/03/2024	02/03/2024
Rainfall(mm)	9	0	0	0	0
T-Max(°C)	31	32	33	34	35
T-Min(°C)	20	20	21	20	20
Cloud Cover(/octa)	1	3	1	0	1
RH Max (%)	82	73	66	85	80
RH Min (%)	34	28	24	17	18
Wind Speed (Kmph)	7	6	5	6	6
Wind Direction (deg)	154	248	300	165	189

Agromet Advisory

General Advisory: *Resume sowing activities of summer vegetables like Cucumber, pumpkin, pointed, ridge and bottle gourds, watermelons from tomorrow by utilizing the soil moisture and provide irrigation after today in frequent interval in crops and vegetables especially in flowering stage in view of increase in day time temperature.*

Pulses:

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:

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 Difenoconazole 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.-482
Date- 27/02/2024

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 0.1 mm rainfall during the last week. The mean daily maximum and minimum temperature was **32.28°C (-0.84°C from normal)** and **20.7°C (+1.7°C from normal)**, respectively. Mean relative humidity of the district was around 61-75%.

Forecasted period: Today(8.30IST) to 03rd March(8.30IST)2024

Weather advisory: *Dry weather is forecasted for next 5 days in the block.* The day temperature will be **31-33°C** and night temperature will be **21-22°C** for upcoming 5 days. Maximum and minimum relative humidity will be 71-90% and 30-40% respectively. **There will be clear to partly cloudy for next 5 days.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/02/2024	28/02/2024	29/02/2024	01/03/2024	02/03/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	32	33	33	33
T-Min(°C)	21	22	22	22	22
Cloud Cover(octa)	0	1	1	0	0
RH Max (%)	71	74	86	90	87
RH Min (%)	40	31	31	39	30
Wind Speed(Kmph)	10	9	12	11	13
Wind Direction(deg)	109	243	201	191	198

Agromet Advisory

General Advisory: *Resume sowing activities of summer vegetables like Cucumber, pumpkin, pointed, ridge and bottle gourds, watermelons by utilizing the soil moisture and provide irrigation after today in frequent interval in crops and vegetables especially in flowering stage in view of increase in day time temperature.*

Pulses:

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:

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.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-482
Date- 27/02/2024

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

The block received average 0.3mm & district received average 0.1 mm rainfall during the last week. The mean daily maximum and minimum temperature was **32.28°C (-0.84°C from normal)** and **20.7°C (+1.7°C from normal)**, respectively. Mean relative humidity of the district was around 61-75%.

Forecasted period: Today(8.30IST) to 03rd March (8.30IST)2024

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be **31-33°C** and night temperature will be **21-22°C** for upcoming 5 days. Maximum and minimum relative humidity will be **65-90%** and **26-37%** 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	27/02/2024	28/02/2024	29/02/2024	01/03/2024	02/03/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	32	33	33	33
T-Min(°C)	21	22	22	22	22
Cloud Cover(octa)	0	0	2	1	1
RH Max (%)	65	69	84	88	90
RH Min (%)	37	30	26	34	29
Wind Speed (Kmph)	10	9	10	10	11
Wind Direction (deg)	101	243	206	161	193

Agromet Advisory

General Advisory: Resume sowing activities of summer vegetables like **Cucumber, pumpkin, pointed, ridge and bottle gourds, watermelons** by utilizing the soil moisture and provide irrigation after today in frequent interval in crops and vegetables especially in flowering stage in view of increase in day time temperature.

Pulses:

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:

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:

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.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-482
Date- 27/02/2024

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 0.7mm & district received average 0.1 mm rainfall during the last week. The mean daily maximum and minimum temperature was **32.28°C (-0.84°C from normal)** and **20.7°C (+1.7°C from normal)**, respectively. Mean relative humidity of the district was around 61-75%.

Forecasted period: Today(8.30IST) to 03rd March(8.30IST)2024

Weather advisory: *Dry weather is forecasted for next 5 days in the block.* The day temperature will be 31-33°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-90% and 26-36% respectively. **There will be clear to partly cloudy for next 5 days.**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/02/2024	28/02/2024	29/02/2024	01/03/2024	02/03/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	32	33	33	33
T-Min(°C)	21	22	22	22	22
Cloud Cover(octa)	0	0	2	1	1
RH Max (%)	65	69	84	88	90
RH Min (%)	36	29	26	33	29
Wind Speed (Kmph)	10	9	10	9	11
Wind Direction (deg)	101	243	214	165	198

Agromet Advisory

General Advisory: *Resume sowing activities of summer vegetables like Cucumber, pumpkin, pointed, ridge and bottle gourds, watermelons by utilizing the soil moisture and provide irrigation after today in frequent interval in crops and vegetables especially in flowering stage in view of increase in day time temperature.*

Pulses:

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:

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 Difenoconazole 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.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-482

Date- 27/02/2024

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 0.1 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.28°C (-0.84°C from normal) and 20.7°C (+1.7°C from normal), respectively. Mean relative humidity of the district was around 61-75%.

Forecasted period: Today(8.30IST) to 03rd March (8.30IST)2024

Weather advisory: Very light to light rainfall/Thundershower is forecast for today and dry weather is forecasted for next 4 days in the block. The day temperature will be 30-34°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-87% and 36-47% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/02/2024	28/02/2024	29/02/2024	01/03/2024	02/03/2024
Rainfall(mm)	3	0	0	0	0
T-Max(°C)	30	32	34	33	34
T-Min(°C)	22	24	24	24	24
Cloud Cover(octa)	0	1	0	0	1
RH Max (%)	67	71	86	87	86
RH Min (%)	45	37	36	47	42
Wind Speed (Kmph)	12	11	13	13	13
Wind Direction (deg)	75	248	199	165	191

Agromet Advisory

General Advisory: Resume sowing activities of summer vegetables like Cucumber, pumpkin, pointed, ridge and bottle gourds, watermelons from tomorrow by utilizing the soil moisture and provide irrigation after today in frequent interval in crops and vegetables especially in flowering stage in view of increase in day time temperature.

Pulses:

There may be chances of infestation of Anthracnose 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.

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:

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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Bulletin No.-482
Date- 27/02/2024

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 0.1 mm rainfall during the last week. The mean daily maximum and minimum temperature was **32.28°C (-0.84°C from normal)** and **20.7°C (+1.7°C from normal)**, respectively. Mean relative humidity of the district was around 61-75%.

Forecasted period: Today(8.30IST) to 03rd March(8.30IST)2024

Weather advisory: *Very light to light rainfall/Thundershower is forecast for today and dry weather is forecasted for next 4days in the block.* The day temperature will be **31-33°C** and night temperature will be **22-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 71-85% and 20-34% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/02/2024	28/02/2024	29/02/2024	01/03/2024	02/03/2024
Rainfall(mm)	5	0	0	0	0
T-Max(°C)	31	31	33	33	33
T-Min(°C)	22	23	22	22	22
Cloud Cover(octa)	1	2	2	1	1
RH Max (%)	72	71	72	85	83
RH Min (%)	34	27	26	20	21
Wind Speed (Kmph)	8	9	7	9	10
Wind Direction (deg)	150	150	23	160	180

Agro met Advisory

General Advisory: *Resume sowing activities of summer vegetables like Cucumber, pumpkin, pointed, ridge and bottle gourds, watermelons from tomorrow by utilizing the soil moisture and provide irrigation after today in frequent interval in crops and vegetables especially in flowering stage in view of increase in day time temperature.*

Pulses:

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:

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:

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.-482
 Date- 27/02/2024

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


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

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

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

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

- Follow the **block specific whats app groups** and join in your block wise groups for getting weather based agromet advisory services twice in a week (Tuesday and Friday) and other weather warning based farm management advisories.
- 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	