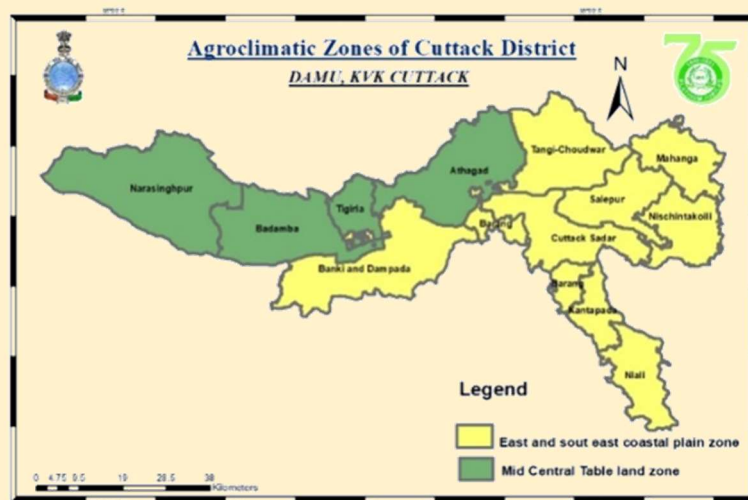




# *Cuttack District Block Wise Agro-met Advisory Service Bulletin*

*Friday, 9<sup>th</sup> February, 2024  
(For the period 9<sup>nd</sup> to 13<sup>th</sup> 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**  
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**Bulletin No.-477**  
**Date- 09/02/2024**

**STANDARD PRECIPITATION INDEX AND NDVI MAP**

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p align="center"><b>Standardised Precipitation Index</b> for the period 28<sup>th</sup> September to 25<sup>th</sup> October 2023</p>	<p align="center">NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 04 (22.01.2024 to 28.01.2024) over Agricultural region</p> <p align="center"><b>Odisha</b></p> <p align="center">Agriculture vigour is moderate at isolated places of the state.</p>
<p><b>As per SPI value (cumulative 4weeks -28 September to 25 October2023), Mildly dry condition was there in Cuttack district.</b></p>	<p><b>According to NDVI map (22.01.2024 to 28.01.2024) the agriculture vigor was very light (&lt;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 which indicates near to harvest/Seedling stage of crops/Vegetables.</b></p>

<b>LEGEND (Medium range block level rainfall forecast)</b>		
	<b>No Rainfall</b>	<b>00 mm</b>
	<b>Very light rainfall</b>	<b>01-05 mm</b>
	<b>Light rainfall</b>	<b>06-10 mm</b>
	<b>Light to moderate rainfall</b>	<b>11-30 mm</b>
	<b>Moderate to heavy rainfall</b>	<b>31-65 mm</b>
	<b>Heavy to very heavy rainfall</b>	<b>66-115 mm</b>
	<b>Extremely heavy rainfall</b>	<b>&gt;116 mm</b>

<b>LEGEND (Past week temperature )</b>		
<b>Color code</b>	<b>Temperature</b>	<b>Departure</b>
	<b>Below Normal</b>	<b>&lt; 2°C from normal</b>
	<b>Normal</b>	<b>-2°C to +2°C from normal</b>
	<b>Above Normal</b>	<b>&gt;2°C from normal</b>

**DrRanjan Kumar Mohanta**  
(Nodal officer)



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**Debasish Jena**  
**SMS (Agrometeorology)**  
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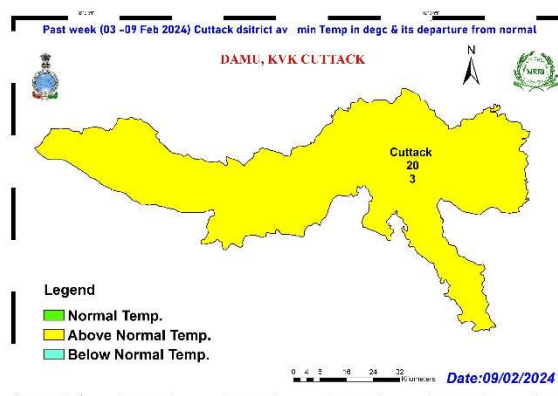
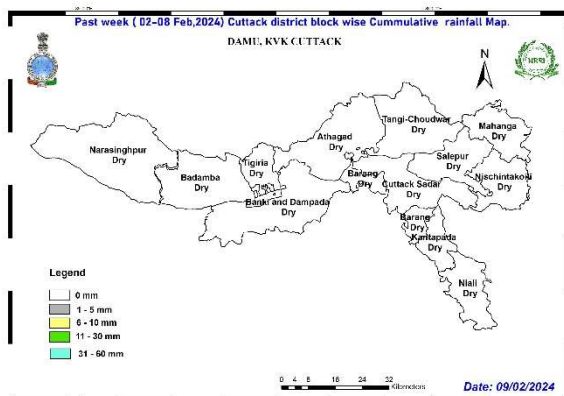
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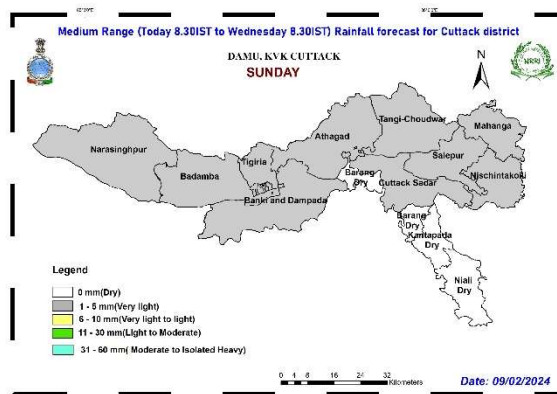
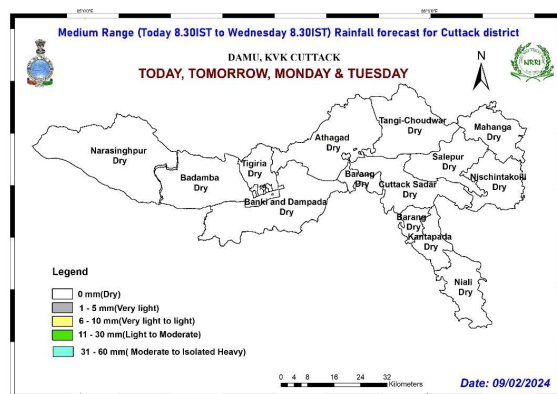
Bulletin No.-477

Date- 09/02/2024

**Past week (30 Jan-05 Feb, 2024) cumulative rainfall (mm) and (31 Jan-06 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**



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(Nodal officer)



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Bulletin No.-477

Date- 09/02/2024

**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)	Vegetative stage to flowering		Black headed caterpillar
				Powdery Mildew
				Flea beetles
2	Mustard	Vegetative stage to flowering		Powdery Mildew
3	Rabi Groundnut	Vegetative stage to flowering		Aphid and Mites
				Spodotera/Tobacco caterpillar
4	Vegetables (Tomato, Chilli, Brinjal)	Vegetative to fruiting		Mites
				Chili Aphid
6	Tomato	Flowering to Fruting		Late blight
				leaf curl
7	Potato	Sprouting/Vegetative stage		Potato tuber moth
				Late blight
8	Cabbage and Cauliflower	Vegetative to Flowering		Diamond back moth
				Powdery Mildew

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9	Mango	Vegetative to Flowering		Mango hooper
10	Papaya	Fruting stage		Mealy bug

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**Bulletin No.-477**  
**Date- 09/02/2024**

**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 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **30.2°C (-0.3°C from normal)** and **19.7°C (+3.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-84%.

**Forecasted period: Today(8.30IST) to 14<sup>th</sup> February (8.30IST)2024**

**Weather advisory:** *Very light rainfall is forecasted for Sunday and Dry weather is forecasted for other 4 days in the block.* The day temperature will be **28-31°C** and night temperature will be **16-18°C**for upcoming 5 days. Maximum and minimum relative humidity will be 59-89% and 13-20% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Athagad(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	09/02/2024	10/02/2024	11/02/2024	12/02/2024	13/02/2024
Rainfall (mm)	0	0	4	0	0
T-Max (°C)	28	28	30	30	31
T-Min (°C)	16	16	17	18	18
Cloud Cover (octa)	0	0	3	7	5
RH Max (%)	59	65	75	76	89
RH Min (%)	20	13	15	17	18
Wind Speed (kmph)	7	6	7	8	12
Wind Direction (deg)	56	90	150	160	165

**Agromet Advisory**

**General Advisory:** *In view of past and anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

**Pulses:**

**Farmers should start sowing of pulses by utilization of irrigation water and if the early sown pulse crop are at flowering stage they are advised to irrigate their crop .**

In green gram/black gram, chances of infestation of **leaf eating caterpillar** and **black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of **Flea beetle** and **powdery mildew** in pulses. Spray neem oil 5 ml/L of water to control Flea beetleand spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

**Rabi-Groundnut:**

**As early sown groundnut crop are at post flowering stage(After 30-40 days of sowing), so farmers are advised to irrigate their field after this stage due to mildly dry condition in Cuttack district in last one month and also in upcoming days.**

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids** **Mites** and **thrips** spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfar apply 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit.

**Vegetables:**

• **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin@1g/litre or Profenophos@2ml/litre of water.To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.

• **Cabbage and Cauliflower:**Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l.Present hhumid weather may cause Powdery mildew in cabbage , to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litr water.

• **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval

• **Potato:**There are chances of **Potato Tuber Moth**infestation in potato.To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.

• **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

**Fruits:**

• **Mango:**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.

• **Papaya:**There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter

**DrRanjan Kumar Mohanta**  
(Nodal officer)



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**Debasish Jena**

**SMS (Agrometeorology)**

**Contact No-9861445080/7008453427**





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**Bulletin No.-477**  
**Date- 09/02/2024**

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 **30.2°C (-0.3°C from normal)** and **19.7°C (+3.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-84%.

**Forecasted period: Today(8.30IST) to 14<sup>th</sup> February (8.30IST)2024**

**Weatheradvisory:** *Very light rainfall is forecasted for Sunday and Dry weather is forecasted for other 4 days in the block.* The day temperature will be **29-31°C**and night temperature will be **15-18°C**for upcoming 5 days. Maximum and minimum relative humidity will be 67-90% and 14-20% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Badamba(VAID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	09/02/2024	10/02/2024	11/02/2024	12/02/2024	13/02/2024
Rainfall(mm)	0	0	4	0	0
T-Max(°C)	29	29	30	30	31
T-Min(°C)	15	16	17	18	17
Cloud Cover(octa)	0	0	3	6	5
RH Max (%)	67	67	71	71	90
RH Min (%)	20	14	16	17	18
Wind Speed (Kmph)	5	6	8	8	11
Wind Direction (deg)	75	135	161	161	124

**Agromet Advisory**

**General Advisory:** *In view of past and anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

**Pulses:**

**Farmers should start sowing of pulses by utilization of irrigation water and if the early sown pulse crop are at flowering stage they are advised to irrigate their crop .**

In green gram/black gram, chances of infestation of **leaf eating caterpillar** and **black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon.Cloudy weather may aggravate the infestation of **Flea beetle** and **powdery mildew** in pulses. Spray neem oil 5 ml/L of water to control Flea beetleand spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

**Rabi-Groundnut:**

**As early sown groundnut crop are at post flowering stage(After 30-40 days of sowing), so farmers are advised to irrigate their field after this stage due to mildly dry condition in Cuttack district in last one month and also in upcoming days.**

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids** **Mites** and **thrips** spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfar apply 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit.

**Vegetables:**

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin@1g/litre or Profenophos@2ml/litre of water.To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:**Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l.Present hhumid weather may cause Powdery mildew in cabbage , to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litr water.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval
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- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Fruits:**
- **Mango:**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.
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**(Nodal officer)**



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**Bulletin No.-477**  
**Date- 09/02/2024**

**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week average weather condition**

The block received average 0mm & district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **30.2°C (-0.3°C from normal)** and **19.7°C (+3.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-84%.

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Date	09/02/2024	10/02/2024	11/02/2024	12/02/2024	13/02/2024
Rainfall (mm)	0	0	2	0	0
T-Max (°C)	29	28	30	30	31
T-Min (°C)	15	16	17	18	17
Cloud Cover (octa)	0	0	3	6	5
RH Max (%)	64	69	75	78	90
RH Min (%)	20	14	16	17	19
Wind Speed (Kmph)	6	6	8	9	12
Wind Direction (deg)	68	135	150	155	135

**Agromet Advisory**

**General Advisory:** *In view of past and anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

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**Vegetables:**

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- **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
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- **Mango:** 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.
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**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)

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



Bulletin No.-477

Date- 09/02/2024

## 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 **30.2°C (-0.3°C from normal)** and **19.7°C (+3.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-84%.

### Forecasted period: Today(8.30IST) to 14<sup>th</sup> February (8.30IST)2024

**WeatherAdvisory:** *Very light rainfall is forecasted for Sunday and Dry weather is forecasted for other 4 days in the block.* The day temperature will be **28-31°C** and night temperature will be **15-18°C**for upcoming 5 days. Maximum and minimum relative humidity will be 63-90% and 13-20% respectively. There will be clear to partly cloudy for next 5days.

Block	Banki-Dampada(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	09/02/2024	10/02/2024	11/02/2024	12/02/2024	13/02/2024
Rainfall(mm)	0	0	2	0	0
T-Max(°C)	28	28	30	30	31
T-Min(°C)	15	16	17	18	17
Cloud Cover(octa)	0	0	2	6	5
RH Max (%)	63	69	75	79	90
RH Min (%)	20	13	16	17	19
Wind Speed (Kmph)	6	6	8	8	11
Wind Direction (deg)	72	135	150	155	158

### Agromet Advisory

**General Advisory:** *In view of past and anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

#### Pulses:

Farmers should start sowing of pulses by utilization of irrigation water and if the early sown pulse crop are at flowering stage they are advised to irrigate their crop .

In green gram/black gram, chances of infestation of **leaf eating caterpillar** and **black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon.Cloudy weather may aggravate the infestation of **Flea beetle** and **powdery mildew** in pulses. Spray neem oil 5 ml/L of water to control Flea beetleand spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

#### Rabi-Groundnut:

As early sown groundnut crop are at post flowering stage(After 30-40 days of sowing), so farmers are advised to irrigate their field after this stage due to mildly dry condition in Cuttack district in last one month and also in upcoming days.

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids** **Mites** and **thrips** spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfar apply 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit.

#### Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin@1g/litre or Profenophos@2ml/litre of water.To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:**Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l.Present humid weather may cause Powdery mildew in cabbage , to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litr water.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval
- **Potato:**There are chances of **Potato Tuber Moth**infestation in potato.To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Fruits:**
- **Mango:**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.

**Papaya:**There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter

DrRanjan Kumar Mohanta  
(Nodal officer)



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APP for Lightening alert in your area



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



**Bulletin No.-477**  
**Date- 09/02/2024**

**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 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **30.2°C (-0.3°C from normal)** and **19.7°C (+3.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-84%.

**Forecasted period: Today(8.30IST) to 14<sup>th</sup> February (8.30IST)2024**

**Weather advisory:** *Dry weather is forecasted for next 5 days in the block.* The day temperature will be **27-31°C** and night temperature will be **16-19°C** for upcoming 5 days. Maximum and minimum relative humidity will be 57-87% and 14-20% 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	09/02/2024	10/02/2024	11/02/2024	12/02/2024	13/02/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	27	28	30	30	31
T-Min(°C)	16	17	18	19	18
Cloud Cover	0	0	2	6	5
RH Max (%)	57	60	73	80	87
RH Min (%)	19	14	15	17	20
Wind Speed (Kmph)	8	8	7	8	11
Wind Direction (deg)	90	90	108	160	158

**Agromet Advisory**

**General Advisory:** *In view of past and anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

**Pulses:**

**Farmers should start sowing of pulses by utilization of irrigation water and if the early sown pulse crop are at flowering stage they are advised to irrigate their crop.**

In green gram/black gram, chances of infestation of **leaf eating caterpillar** and **black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of **Flea beetle** and **powdery mildew** in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

**Rabi-Groundnut:**

**As early sown groundnut crop are at post flowering stage (After 30-40 days of sowing), so farmers are advised to irrigate their field after this stage due to mildly dry condition in Cuttack district in last one month and also in upcoming days.**

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids** **Mites** and **thrips** spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit.

**Vegetables:**

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litre water.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval
- **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Fruits:**
- **Mango:** 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.

**Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter

**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)

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

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR



Bulletin No.-477

Date- 09/02/2024

## 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 **30.2°C (-0.3°C from normal)** and **19.7°C (+3.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-84%.

**Forecasted period: Today(8.30IST) to 14<sup>th</sup> February (8.30IST)2024**

**Weatheradvisory:** *Very light rainfall is forecasted for Sunday and Dry weather is forecasted for other 4 days in the block.* The day temperature will be **27-31°C** and night temperature will be **16-19°C**forupcoming 5 days. Maximum and minimum relative humidity will be 55-86% and 13-19% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Cuttack sadar(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	09/02/2024	10/02/2024	11/02/2024	12/02/2024	13/02/2024
Rainfall(mm)	0	0	2	0	0
T-Max(°C)	27	28	29	30	31
T-Min(°C)	16	17	18	19	18
Cloud Cover(octa)	0	0	2	6	6
RH Max (%)	55	58	71	77	86
RH Min (%)	19	13	15	17	19
Wind Speed (Kmph)	8	7	7	8	11
Wind Direction (deg)	68	90	135	160	158

## Agromet Advisory

**General Advisory:** *In view of past and anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

### Pulses:

**Farmers should start sowing of pulses by utilization of irrigation water and if the early sown pulse crop are at flowering stage they are advised to irrigate their crop .**

In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon.Cloudy weather may aggravate the infestation of **Flea beetle and powdery mildew** in pulses. Spray neem oil 5 ml/L of water to control Flea beetleand spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

### Rabi-Groundnut:

**As early sown groundnut crop are at post flowering stage(After 30-40 days of sowing), so farmers are advised to irrigate their field after this stage due to mildly dry condition in Cuttack district in last one month and also in upcoming days.**

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids Mites and thrips** spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfar apply 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit.

### Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin@1g/litre or Profenophos@2ml/litre of water.To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:**Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l.Present hhumid weather may cause Powdery mildew in cabbage , to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litr water.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval
- **Potato:**There are chances of **Potato Tuber Moth**infestation in potato.To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Fruits:**
- **Mango:**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.

**Papaya:**There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter

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)

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

AGROMET ADVISORY BULLETIN FOR KANTAPADA



Bulletin No.-477

Date- 09/02/2024

## 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 **30.2°C (-0.3°C from normal)** and **19.7°C (+3.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-84%.

**Forecasted period: Today(8.30IST) to 14<sup>th</sup> February (8.30IST)2024**

**Weatheradvisory: Dry weather is forecasted for next 5 days in the block.** The day temperature will be 27-31°C and night temperature will be 16-19°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 58-84% and 15-22% respectively. **There will be clear to partly cloudy for next 5days.**

Block	Kantapada(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	09/02/2024	10/02/2024	11/02/2024	12/02/2024	13/02/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	27	28	30	30	31
T-Min(°C)	16	17	18	19	19
Cloud Cover(octa)	0	0	2	5	5
RH Max (%)	58	59	73	78	84
RH Min (%)	21	15	17	19	22
Wind Speed (Kmph)	9	8	8	8	10
Wind Direction (deg)	90	293	113	154	158

## Agromet Advisory

**General Advisory:** In view of past and anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.

### Pulses:

**Farmers should start sowing of pulses by utilization of irrigation water and if the early sown pulse crop are at flowering stage they are advised to irrigate their crop .**

In green gram/black gram, chances of infestation of **leaf eating caterpillar** and **black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of **Flea beetle** and **powdery mildew** in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

### Rabi-Groundnut:

**As early sown groundnut crop are at post flowering stage(After 30-40 days of sowing), so farmers are advised to irrigate their field after this stage due to mildly dry condition in Cuttack district in last one month and also in upcoming days.**

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids** **Mites** and **thrips** spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit.

### Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin@1g/litre or Profenophos@2ml/litre of water. To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litr water.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval
- **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

### Fruits:

- **Mango:** 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.

**Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter

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)

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

AGROMET ADVISORY BULLETIN FOR MAHANGA



Bulletin No.-477

Date- 09/02/2024

## 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 **30.2°C (-0.3°C from normal)** and **19.7°C (+3.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-84%.

**Forecasted period: Today(8.30IST) to 14<sup>th</sup> February (8.30IST)2024**

**Weatheradvisory::** *Very light rainfall is forecasted for Sunday and Dry weather is forecasted for other 4 days in the block.* The day temperature will be and it will be **26-31°C** and night temperature will be **16-19°C**for upcoming 5 days. Maximum and minimum relative humidity will 46-74% and 15-21% respectively. **There will be clear to partly cloudy for next 5days.**

Block	Mahanga(VAID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	09/02/2024	10/02/2024	11/02/2024	12/02/2024	13/02/2024
Rainfall(mm)	0	0	4	0	0
T-Max(°C)	26	27	29	30	31
T-Min(°C)	16	17	18	19	19
Cloud Cover(octal)	0	0	2	5	5
RH Max (%)	51	46	63	69	74
RH Min (%)	21	15	17	19	20
Wind Speed (Kmph)	9	8	8	8	10
Wind Direction (deg)	45	293	90	135	158

## Agro-met Advisory

**General Advisory:** *In view of past and anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

### Pulses:

**Farmers should start sowing of pulses by utilization of irrigation water and if the early sown pulse crop are at flowering stage they are advised to irrigate their crop .**

In green gram/black gram, chances of infestation of **leaf eating caterpillar** and **black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon.Cloudy weather may aggravate the infestation of **Flea beetle** and **powdery mildew** in pulses. Spray neem oil 5 ml/L of water to control Flea beetleand spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

### Rabi-Groundnut:

**As early sown groundnut crop are at post flowering stage(After 30-40 days of sowing), so farmers are advised to irrigate their field after this stage due to mildly dry condition in Cuttack district in last one month and also in upcoming days.**

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids Mites** and **thrips** spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfar apply 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit.

### Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin@1g/litre or Profenophos@2ml/litre of water.To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:**Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l.Present hhumid weather may cause Powdery mildew in cabbage , to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litr water.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval
- **Potato:**There are chances of **Potato Tuber Moth**infestation in potato.To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Fruits:**
- **Mango:**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) chloropyrphos @2.5ml/l. during initial stages of flowering.
- **Papaya:**There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter

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)

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



Bulletin No.-477

Date- 09/02/2024

## 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 **30.2°C (-0.3°C from normal)** and **19.7°C (+3.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-84%.

### Forecasted period: Today(8.30IST) to 14<sup>th</sup> February (8.30IST)2024

**Weather advisory:** *Very light rainfall is forecasted for Sunday and Dry weather is forecasted for other 4 days in the block.* The day temperature will be **30-31°C** and night temperature will be **15-18°C** for upcoming 5 days. Maximum and minimum relative humidity will be 61-92% and 17-20% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	09/02/2024	10/02/2024	11/02/2024	12/02/2024	13/02/2024
Rainfall(mm)	0	0	4	0	0
T-Max(°C)	30	29	30	30	31
T-Min(°C)	15	15	16	18	16
Cloud Cover(octa)	0	0	2	6	4
RH Max (%)	77	68	66	61	92
RH Min (%)	20	18	17	18	18
Wind Speed (Kmph)	4	5	7	7	9
Wind Direction (deg)	154	158	162	161	135

### Agromet Advisory

**General Advisory:** *In view of past and anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

#### Pulses:

**Farmers should start sowing of pulses by utilization of irrigation water and if the early sown pulse crop are at flowering stage they are advised to irrigate their crop.**

In green gram/black gram, chances of infestation of **leaf eating caterpillar** and **black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of **Flea beetle** and **powdery mildew** in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

#### Rabi-Groundnut:

**As early sown groundnut crop are at post flowering stage (After 30-40 days of sowing), so farmers are advised to irrigate their field after this stage due to mildly dry condition in Cuttack district in last one month and also in upcoming days.**

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids** **Mites** and **thrips** spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit.

#### Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 lit water.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval
- **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Fruits:**
- **Mango:** 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.
- **Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter

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.-477**  
**Date- 09/02/2024**

**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 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **30.2°C (-0.3°C from normal)** and **19.7°C (+3.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-84%.

**Forecasted period: Today(8.30IST) to 14<sup>th</sup> February (8.30IST)2024**

**Weather advisory:** *Dry weather is forecasted for next 5 days in the block.* The day temperature will be **27-30°C** and night temperature will be **16-19°C** for upcoming 5 days. Maximum and minimum relative humidity will be 60-84% and 18-24% respectively. **There will be clear to partly cloudy for next 5 days.**

Block	<b>Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)</b>				
Date	09/02/2024	10/02/2024	11/02/2024	12/02/2024	13/02/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	27	28	30	30	30
T-Min(°C)	16	17	18	18	19
Cloud Cover(octa)	0	0	2	5	5
RH Max (%)	60	61	76	80	84
RH Min (%)	23	18	18	21	24
Wind Speed(Kmph)	10	8	8	8	10
Wind Direction(deg)	23	90	120	158	153

**Agromet Advisory**

**General Advisory:** *In view of past and anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

**Pulses:**

**Farmers should start sowing of pulses by utilization of irrigation water and if the early sown pulse crop are at flowering stage they are advised to irrigate their crop.**

In green gram/black gram, chances of infestation of **leaf eating caterpillar** and **black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of **Flea beetle** and **powdery mildew** in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

**Rabi-Groundnut:**

**As early sown groundnut crop are at post flowering stage (After 30-40 days of sowing), so farmers are advised to irrigate their field after this stage due to mildly dry condition in Cuttack district in last one month and also in upcoming days.**

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids** **Mites** and **thrips** spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit.

**Vegetables:**

• **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.

• **Cabbage and Cauliflower:** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litr water.

• **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval

• **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.

• **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

**Fruits:**

• **Mango:** 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.

**Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter

**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)

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

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI



Bulletin No.-477

Date- 09/02/2024

## 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 **30.2°C (-0.3°C from normal)** and **19.7°C (+3.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-84%.

**Forecasted period: Today(8.30IST) to 14<sup>th</sup> February (8.30IST)2024**

**Weatheradvisory:;** *Very light rainfall is forecasted for Sunday and Dry weather is forecasted for other 4 days in the block.* The day temperature will be **26-31°C** and night temperature will be **17-19°C**for upcoming 5 days. Maximum and minimum relative humidity will be 47-76% and 15-21% respectively. **There will be clear to partly cloudy for next 5days.**

Block	Nischintakoili(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	09/02/2024	10/02/2024	11/02/2024	12/02/2024	13/02/2024
Rainfall(mm)	0	0	3	0	0
T-Max(°C)	26	27	30	30	31
T-Min(°C)	17	17	19	19	19
Cloud Cover(octa)	0	0	2	5	5
RH Max (%)	52	47	66	71	76
RH Min (%)	21	15	17	19	20
Wind Speed (Kmph)	10	8	8	8	10
Wind Direction (deg)	45	293	90	154	158

## Agromet Advisory

**General Advisory:** *In view of past and anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

### Pulses:

**Farmers should start sowing of pulses by utilization of irrigation water and if the early sown pulse crop are at flowering stage they are advised to irrigate their crop .**

In green gram/black gram, chances of infestation of **leaf eating caterpillar** and **black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon.Cloudy weather may aggravate the infestation of **Flea beetle** and **powdery mildew** in pulses. Spray neem oil 5 ml/L of water to control Flea beetleand spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

### Rabi-Groundnut:

**As early sown groundnut crop are at post flowering stage(After 30-40 days of sowing), so farmers are advised to irrigate their field after this stage due to mildly dry condition in Cuttack district in last one month and also in upcoming days.**

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids Mites** and **thrips** spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfar apply 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit.

### Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin@1g/litre or Profenophos@2ml/litre of water.To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:**Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l.Present hhumid weather may cause Powdery mildew in cabbage , to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litr water.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval
- **Potato:**There are chances of **Potato Tuber Moth**infestation in potato.To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Fruits:**
- **Mango:**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.
- **Papaya:**There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter

DrRanjan Kumar Mohanta  
(Nodal officer)



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**Bulletin No.-477**  
**Date- 09/02/2024**

**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 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **30.2°C (-0.3°C from normal)** and **19.7°C (+3.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-84%.

**Forecasted period: Today(8.30IST) to 14<sup>th</sup> February (8.30IST)2024**

**Weather advisory:** *Very light rainfall is forecasted for Sunday and Dry weather is forecasted for other 4 days in the block.* The day temperature will be 27-31°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 49-77% and 14-20% 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	09/02/2024	10/02/2024	11/02/2024	12/02/2024	13/02/2024
Rainfall(mm)	0	0	3	0	0
T-Max(°C)	27	27	29	30	31
T-Min(°C)	17	17	19	19	19
Cloud Cover(octa)	0	0	2	5	5
RH Max (%)	52	49	66	72	77
RH Min (%)	21	14	17	18	20
Wind Speed (Kmph)	9	8	8	8	10
Wind Direction (deg)	45	293	293	154	154

**Agromet Advisory**

**General Advisory:** *In view of past and anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

**Pulses:**

**Farmers should start sowing of pulses by utilization of irrigation water and if the early sown pulse crop are at flowering stage they are advised to irrigate their crop.**

In green gram/black gram, chances of infestation of **leaf eating caterpillar** and **black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of **Flea beetle** and **powdery mildew** in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

**Rabi-Groundnut:**

**As early sown groundnut crop are at post flowering stage (After 30-40 days of sowing), so farmers are advised to irrigate their field after this stage due to mildly dry condition in Cuttack district in last one month and also in upcoming days.**

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids** **Mites** and **thrips** spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit.

**Vegetables:**

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litr water.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval
- **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Fruits:**
- **Mango:** 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.
- **Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter

**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)

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



Bulletin No.-477

Date- 09/02/2024

## 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 30.2°C (-0.3°C from normal) and 19.7°C (+3.1°C from normal), respectively. Mean relative humidity of the district was around 64-84%.

### Forecasted period: Today(8.30IST) to 14<sup>th</sup> February (8.30IST)2024

**Weatheradvisory::** Very light rainfall is forecasted for Sunday and Dry weather is forecasted for other 4 days in the block. The day temperature will be 27-31°C and night temperature will be 18-21°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 48-75% and 24-30% respectively. There will be clear to partly cloudyskyfor next 5days.

Block	Tangi-Choudwar(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	09/02/2024	10/02/2024	11/02/2024	12/02/2024	13/02/2024
Rainfall(mm)	0	0	4	0	0
T-Max(°C)	27	28	30	31	31
T-Min(°C)	18	19	20	20	21
Cloud Cover(octa)	0	0	2	4	5
RH Max (%)	55	48	72	72	75
RH Min (%)	30	24	25	29	30
Wind Speed (Kmph)	12	10	10	9	10
Wind Direction (deg)	68	65	109	115	161

### Agromet Advisory

**General Advisory:** In view of past and anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.

#### Pulses:

Farmers should start sowing of pulses by utilization of irrigation water and if the early sown pulse crop are at flowering stage they are advised to irrigate their crop .

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetleand spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

#### Rabi-Groundnut:

As early sown groundnut crop are at post flowering stage(After 30-40 days of sowing), so farmers are advised to irrigate their field after this stage due to mildly dry condition in Cuttack district in last one month and also in upcoming days.

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. For control of Bihary hairy caterpillar and spodotera go for spraying of fipronil 5% SL 400ml (or) indoxacarb14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfar apply 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit.

#### Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin@1g/litre or Profenophos@2ml/litre of water.To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:**Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l.Present hhumid weather may cause Powdery mildew in cabbage , to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litr water.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting .To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval
- **Potato:**There are chances of **Potato Tuber Moth**infestation in potato.To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Fruits:**
- **Mango:**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.

**Papaya:**There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter

DrRanjan Kumar Mohanta  
(Nodal officer)



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



Debasish Jena  
SMS (Agrometeorology)  
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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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Bulletin No.-477

Date- 09/02/2024

## 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 **30.2°C (-0.3°C from normal)** and **19.7°C (+3.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-84%.

### Forecasted period: Today(8.30IST) to 14<sup>th</sup> February (8.30IST)2024

**Weatheradvisory:** *Very light rainfall is forecasted for Sunday and Dry weather is forecasted for other 4 days in the block.* The day temperature will be **28-31°C** and night temperature will be **15-18°C**for upcoming 5 days. Maximum and minimum relative humidity will be 62-90% and 13-20% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Tigiria(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	09/02/2024	10/02/2024	11/02/2024	12/02/2024	13/02/2024
Rainfall(mm)	0	0	5	0	0
T-Max(°C)	28	28	30	30	31
T-Min(°C)	15	16	17	18	17
Cloud Cover(octa)	0	0	3	7	5
RH Max (%)	62	66	74	74	90
RH Min (%)	20	13	16	17	18
Wind Speed (Kmph)	6	6	8	8	12
Wind Direction (deg)	63	113	158	162	158

### Agro met Advisory

**General Advisory:** *In view of past and anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

#### Pulses:

Farmers should start sowing of pulses by utilization of irrigation water and if the early sown pulse crop are at flowering stage they are advised to irrigate their crop .

In green gram/black gram, chances of infestation of **leaf eating caterpillar** and **black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon.Cloudy weather may aggravate the infestation of **Flea beetle** and **powdery mildew** in pulses. Spray neem oil 5 ml/L of water to control Flea beetleand spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

#### Rabi-Groundnut:

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Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids** **Mites** and **thrips** spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

**Mustard:** As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfar apply 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit.

#### Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin@1g/litre or Profenophos@2ml/litre of water.To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
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- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Fruits:**
- **Mango:**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.
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MEGHDOOT APP	DAMINI APP	FACEBOOK (Damu Cuttack)	BLOCK SPECIFIC WHAT'S APP GROUPS	@DAMUCUTTACK


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

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

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

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

- Follow the **block specific whats app groups** and join in your block wise groups for getting weather based agromet advisory services twice in a week (Tuesday and Friday) and other weather warning based farm management 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	<a href="https://icar-nrri.in/agromate/">https://icar-nrri.in/agromate/</a>	
2	Agromet division, IMD, Pune	<a href="https://imdagrmet.gov.in/imdproject/AGIndex.php">https://imdagrmet.gov.in/imdproject/AGIndex.php</a>	