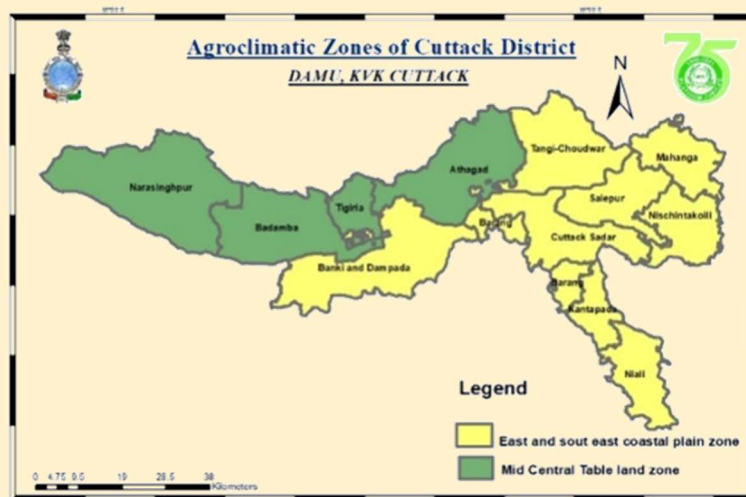




# *Cuttack District Block Wise Agro-met Advisory Service Bulletin*

*Tuesday, 11<sup>th</sup> August, 2023  
(For the period 08<sup>th</sup> to 15<sup>th</sup> August,  
2023)*



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





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



**Bulletin No.-425**  
**Date- 11/08/2023**

**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 13<sup>th</sup> July to 9<sup>th</sup> August 2023</p>	<p align="center">NOAA/VIIIRS/BLENDED NDVI Composite ending on Week no 31 (30.07.2023 to 05.08.2023) over Agricultural region</p> <p align="center"><b>Odisha</b></p> <p align="center">Agriculture vigour is moderate over few places of the state.</p>
<p><b>As per SPI value (cumulative 4weeks -13 July to 9 August 2023), Mildly wet condition was there in Cuttack district.</b></p>	<p><b>According to NDVI map (30.07.2023 to 05.08.2023) the agriculture vigor was moderate over isolated places of Narsinghpur, Badamba, Athagad, Tangi-choudwar blocks of Cuttack district and very light over most places of other blocks.</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>		
Color code	Temperature	Departure
	<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>

**Dr Sujata Sethy**  
 (Nodal officer)



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



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





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

(A Unit of ICAR-National Rice Research Institute)

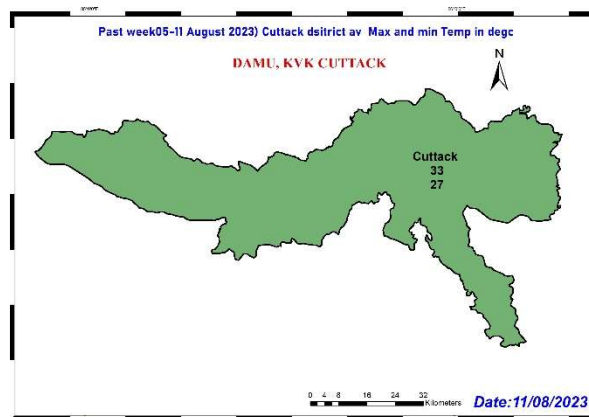
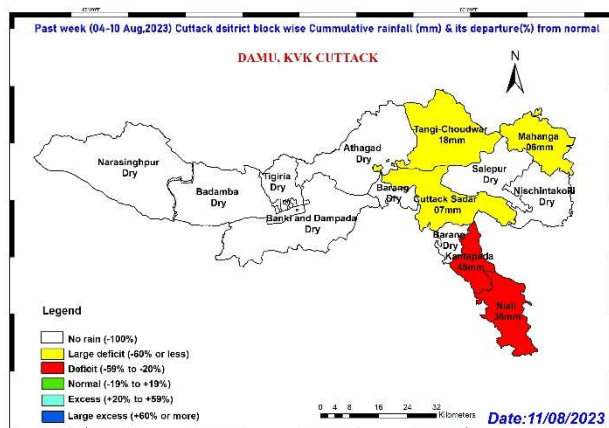
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



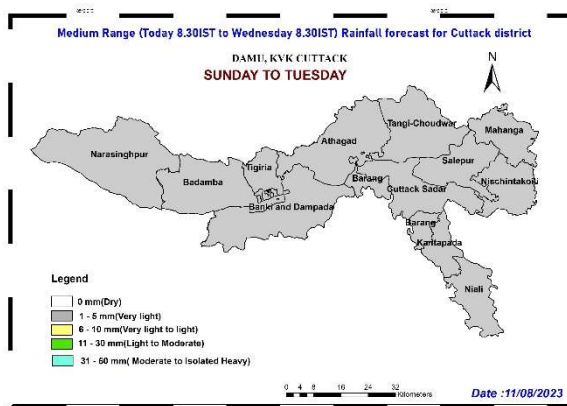
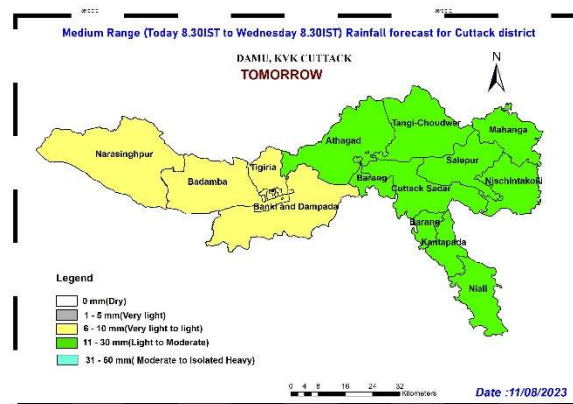
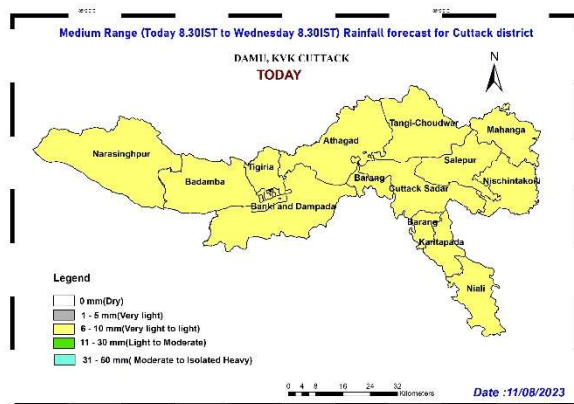
Bulletin No.-425

Date- 11/08/2023

**Past week (04-10 August, 2023) cumulative rainfall(mm) & its departure% from normal and (05-11 August) average maximum and minimum temperature for Cuttack district**



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



Dr Sujata Sethy  
(Nodal officer)



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



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



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



**Bulletin No.-425**  
**Date- 11/08/2023**

Met Sub division	Extended range outlook for subsequent 1 week (6 <sup>th</sup> to 12 <sup>th</sup> days) (16-22 August2023) after 5 days				
Odisha	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall (mm)	9.34	10.04	-6.97	Normal
	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature (°C)	31.56	30.74	0.81	Normal
	Minimum temperature (°C)	24.62	24.19	0.43	Normal

**\*Agromet Advisory based upon subsequent week extended range forecast-:** As there will be **normal rainfall in the subsequent week (16-22 August,2023) after 5 days in Odisha condition**, so farmers are advised to drainout excess water from paddy field and should maintain 5-10cm during transplanting and should complete transplanting and beushaning of kharif paddy in upcoming 5-7 days. Farmers may go for sowing of kharif vegetables in the subsequent week. They should monitor paddy field for seedling blight, Blast, Sheath blight diseases in rice, rot/wilt diseases, sucking pests in vegetables. In heavy weed infested areas, before the subsequent week, spray Bispyribac sodium 10% SC @ 120 ml/acre in 8 tanks of 16 litre capacity sprayer at 8-10 days after emergence of weeds (or when the weeds are at 2-3 leaf stage). All plant protection measures, intercultural operations and fertilizer application may be done in upcoming 4-5 days based upon rainfall forecast.



**Dr Sujata Sethy**  
**(Nodal officer)**



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



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


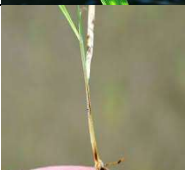










**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
 (A Unit of ICAR-National Rice Research Institute)  
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



**Bulletin No.-425**  
**Date- 11/08/2023**

**Weather (Past and Forecasted) based Disease and pest in Major Crops and vegetables**

Sl No	Crop	Stage and condition of the crop	Anticipated Disease and pest	
1	Rice	Nursery stage to tillering		Blast
				Seedling blight
				Sheath blight
				Leaf folder
				Thrips
				Sawarming caterpillar
2	Sugarcane	Vegetative to Tillering		Red rot
				Wilt
				Whitefly
3	Maize	5 week stage		Stem fly

**Dr Sujata Sethy**  
 (Nodal officer)



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



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





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



**Bulletin No.-425**  
**Date- 11/08/2023**

				<b>Leaf blight</b>
<b>3</b>	<b>Jute</b>	<b>30-50days</b>		<b>Stem rot</b>
				<b>Indigo caterpillar</b>
<b>4</b>	<b>Brinjal, tomatoto, chilli</b>	<b>seedling</b>		<b>Damping off</b>
				<b>Stem rot</b>
<b>5</b>	<b>Tomato and brinjal</b>			<b>Bacterial wilt</b>
				<b>White fly</b>
				<b>Jassid</b>
<b>8</b>	<b>Banana</b>			<b>Sigatoka</b>
<b>9</b>	<b>Papaya</b>			<b>Yellow mosaic virus</b>

**Dr Sujata Sethy**  
**(Nodal officer)**



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



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



**GRAMIN 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.-425

Date- 11/08/2023

**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 1.2mm rainfall during the last week. The mean daily maximum and minimum temperature was **33.4°C (+1.4°C from normal)** and **27.4°C (+3.2°C from normal)**, respectively. Mean relative humidity of the district was around 75-81%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> August (8.30IST)2023**

**Weather advisory:** *Light rainfall is forecasted for today & tomorrow and very light rainfall is forecasted for next 3 days in the block.*

The day temperature will be 31-35°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-85% and 46-61% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2023	12/08/2023	13/08/2023	14/08/2023	15/08/2023
Rainfall (mm)	6	9	2	3	5
T-Max (°C)	34	35	34	35	31
T-Min (°C)	26	27	27	27	25
Cloud Cover (octa)	7	8	8	7	8
RH Max (%)	77	79	74	79	85
RH Min (%)	45	45	49	46	61
Wind Speed (kmph)	11	11	12	12	12
Wind Direction (deg)	214	281	291	293	291

**Agromet Advisory**

**Kharif rice:**

- farmers should go for beushanning and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.
- Drain out the excess rain water from paddy nurseries.
- Heavy weed infestation may be there after rainfall, so to control weeds in rice, spray Bispyribac sodium 10% SC @ 120ml/acre in 8 tanks of 16 litre capacity sprayer at 8-10 days after emergence of weeds (or when the weeds are at 2-3 leaf stage)
- Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease.*
- If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.*
- In early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.*
- Anticipated increase in temperature condition may led to infestation of rice thrips in rice. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/litre of water.*
- If swarming caterpillar will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.*

**Maize:**

- Maize crop is highly sensitive to waterlogged conditions during seedling stage. Hence, drain out excess water from the field as early as possible.
- After cessation of rains apply booster dose of fertilizer.
- Weeds may be controlled after rainfall.
- Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre.
- High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb 300 g /ac.

**VEGETABLES:** *Darin out excess water from vegetable field and nursery and cover the vegetable seedling with polythine cover in view of heavy rainfall activity.*

- Due to past rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary, spray second and third round at 15 days interval.
- If incidence of **Damping off** is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. **To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.**

**Fruits:**

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya yellow mosaic virus**, spray Imidachloprid @ 0.5 ml / litre.

Dr Sujata Sethy  
(Nodal officer)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



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



**Bulletin No.-425**  
**Date- 11/08/2023**

**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 1.2mm rainfall during the last week. The mean daily maximum and minimum temperature was **33.4°C (+1.4°C from normal)** and **27.4°C (+3.2°C from normal)**, respectively. Mean relative humidity of the district was around 75-81%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> August (8.30IST)2023**

**Weather advisory:** *Light rainfall is forecasted for today & tomorrow and very light rainfall is forecasted for next 3 days in the block.* The day temperature will be **29-34°C** and night temperature will be **24-26°C** for upcoming 5 days. Maximum and minimum relative humidity will be 76-86% and 45-66% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2023	12/08/2023	13/08/2023	14/08/2023	15/08/2023
Rainfall(mm)	6	8	2	3	5
T-Max(°C)	33	34	33	34	29
T-Min(°C)	26	26	26	26	24
Cloud Cover(octa)	7	8	7	7	8
RH Max (%)	77	82	76	82	86
RH Min (%)	45	45	49	46	66
Wind Speed (Kmph)	10	10	11	11	11
Wind Direction (deg)	225	288	283	288	291

**Agromet Advisory**

**Kharif rice:**

- Farmers should go for beushanning and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.
- Drain out the excess rain water from paddy nurseries.
- Heavy weed infestation may be there after rainfall, so to control weeds in rice, spray Bispyribac sodium 10% SC @ 120ml/acre in 8 tanks of 16 litre capacity sprayer at 8-10 days after emergence of weeds (or when the weeds are at 2-3 leaf stage)
- Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease.*
- If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.*
- In early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.*
- Anticipated increase in temperature condition may led to infestation of rice thrips in rice. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/litre of water.*
- If swarming caterpillar will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.*

**Maize:**

- Maize crop is highly sensitive to waterlogged conditions during seedling stage. Hence, drain out excess water from the field as early as possible.
- After cessation of rains apply booster dose of fertilizer.
- Weeds may be controlled after rainfall.
- Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre.
- High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb 300 g /ac.

**VEGETABLES:** *Darin out excess water from vegetable field and nursery and cover the vegetable seedling with polythine cover in view of heavy rainfall activity.*

- Due to pastrain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- If incidence of **Damping off** is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.

**Fruits:**

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya yellow mosaic virus**, spray Imidachloprid @ 0.5 ml / litre.

**Dr Sujata Sathy**  
**(Nodal officer)**



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



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





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



**Bulletin No.-425**  
**Date- 11/08/2023**

**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week average weather condition**

The district received average 1.2mm rainfall during the last week. The mean daily maximum and minimum temperature was **33.4°C (+1.4°C from normal)** and **27.4°C (+3.2°C from normal)**, respectively. Mean relative humidity of the district was around 75-81%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> August (8.30IST)2023**

**Weather advisory:** *Light rainfall is forecasted for today & tomorrow and very light rainfall is forecasted for next 3 days in the block.* The day temperature will be **30-35°C** and night temperature will be **25-27°C** for upcoming 5 days. Maximum and minimum relative humidity will be 72-82% and 43-60% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2023	12/08/2023	13/08/2023	14/08/2023	15/08/2023
Rainfall(mm)	6	8	2	3	5
T-Max(°C)	34	35	34	34	30
T-Min(°C)	26	27	26	26	25
Cloud Cover(octa)	7	8	8	7	8
RH Max (%)	75	78	72	77	82
RH Min (%)	43	43	46	44	60
Wind Speed (Kmph)	12	11	12	13	12
Wind Direction (deg)	225	281	283	290	291

**Agromet Advisory**

**Kharif rice:**

- Farmers should go for beushanning and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.
- Drain out the excess rain water from paddy nurseries.
- Heavy weed infestation may be there after rainfall, so to control weeds in rice, spray Bispyribac sodium 10% SC @ 120ml/acre in 8 tanks of 16 litre capacity sprayer at 8-10 days after emergence of weeds (or when the weeds are at 2-3 leaf stage)
- *Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease.*
- *If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.*
- *In early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.*
- *Anticipated increase in temperature condition may led to infestation of rice thrips in rice. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/litre of water.*
- *If swarming caterpillar will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.*

**Maize:**

- Maize crop is highly sensitive to waterlogged conditions during seedling stage. Hence, drain out excess water from the field as early as possible.
- After cessation of rains apply booster dose of fertilizer.
- Weeds may be controlled after rainfall.
- **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre.
- High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb 300 g /ac.

**VEGETABLES:** **Darin out excess water from vegetable field and nursery and cover the vegetable seedling with polythine cover in view of heavy rainfall activity.**

- Due to pastrain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- If incidence of **Damping off** is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. **To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.**

**Fruits:**

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya yellow mosaic virus**, spray Imidachloprid @ 0.5 ml / litre.

**Dr Sujata Sethy**  
(Nodal officer)



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



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



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

(A Unit of ICAR-National Rice Research Institute)

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



Bulletin No.-425

Date- 11/08/2023

## 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 1.2mm rainfall during the last week. The mean daily maximum and minimum temperature was **33.4°C (+1.4°C from normal)** and **27.4°C (+3.2°C from normal)**, respectively. Mean relative humidity of the district was around 75-81%.

### Forecasted period: Today(8.30IST) to 16<sup>th</sup> August (8.30IST)2023

**Weather Advisory:** *Light rainfall is forecasted for today & tomorrow and very light rainfall is forecasted for next 3 days in the block.* The day temperature will be 30-35°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-81% and 43-60% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2023	12/08/2023	13/08/2023	14/08/2023	15/08/2023
Rainfall(mm)	8	9	2	3	5
T-Max(°C)	34	35	34	35	30
T-Min(°C)	26	27	26	26	25
Cloud Cover(octa)	7	8	8	7	8
RH Max (%)	75	77	72	76	81
RH Min (%)	43	44	46	44	60
Wind Speed (Kmph)	12	11	12	13	12
Wind Direction (deg)	225	281	283	290	291

### Agromet Advisory

#### Kharif rice:

- Farmers should go for beushanning and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.
- Drain out the excess rain water from paddy nurseries.
- Heavy weed infestation may be there after rainfall, so to control weeds in rice, spray Bispyribac sodium 10% SC @ 120ml/acre in 8 tanks of 16 litre capacity sprayer at 8-10 days after emergence of weeds (or when the weeds are at 2-3 leaf stage)
- Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease.*
- If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.*
- In early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.*
- Anticipated increase in temperature condition may led to infestation of rice thrips in rice. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/litre of water.*
- If swarming caterpillar will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.*

#### Maize:

- Maize crop is highly sensitive to waterlogged conditions during seedling stage. Hence, drain out excess water from the field as early as possible.
- After cessation of rains apply booster dose of fertilizer.
- Weeds may be controlled after rainfall.
- Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre.
- High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb 300 g /ac.

### VEGETABLES: Drain out excess water from vegetable field and nursery and cover the vegetable seedling with polythine cover in view of heavy rainfall activity.

- Due to pastrain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- If incidence of **Damping off** is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.

#### Fruits:

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya yellow mosaic virus**, spray Imidachloprid @ 0.5 ml / litre.

Dr Sujata Sathy  
(Nodal officer)



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



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



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



**Bulletin No.-425**  
**Date- 11/08/2023**

**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 1.2mm rainfall during the last week. The mean daily maximum and minimum temperature was **33.4°C (+1.4°C from normal)** and **27.4°C (+3.2°C from normal)**, respectively. Mean relative humidity of the district was around 75-81%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> August (8.30IST)2023**

**Weather advisory:** *Light to moderate rainfall is forecasted for today & tomorrow and very light rainfall is forecasted for next 3 days in the block.* The day temperature will be **32-35°C** and night temperature will be **26-28°C** for upcoming 5 days. Maximum and minimum relative humidity will be 71-78% and 41-54% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2023	12/08/2023	13/08/2023	14/08/2023	15/08/2023
Rainfall(mm)	8	11	2	3	5
T-Max(°C)	34	35	34	35	32
T-Min(°C)	27	28	27	27	26
Cloud Cover	7	8	7	8	8
RH Max (%)	73	74	71	74	78
RH Min (%)	41	42	44	43	54
Wind Speed (Kmph)	14	12	11	15	15
Wind Direction (deg)	225	281	270	287	293

**Agromet Advisory**

**Kharif rice:**

- Farmers should go for beushanning and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.
- Drain out the excess rain water from paddy nurseries.
- Heavy weed infestation may be there after rainfall, so to control weeds in rice, spray Bispyribac sodium 10% SC @ 120ml/acre in 8 tanks of 16 litre capacity sprayer at 8-10 days after emergence of weeds (or when the weeds are at 2-3 leaf stage)
- *Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease.*
- *If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.*
- *In early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.*
- *Anticipated increase in temperature condition may led to infestation of rice thrips in rice. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/litre of water.*
- *If swarming caterpillar will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.*

**Maize:**

- Maize crop is highly sensitive to waterlogged conditions during seedling stage. Hence, drain out excess water from the field as early as possible.
- After cessation of rains apply booster dose of fertilizer.
- Weeds may be controlled after rainfall.
- **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre.
- High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb 300 g /ac.

**VEGETABLES: Darin out excess water from vegetable field and nursery and cover the vegetable seedling with polythine cover in view of heavy rainfall activity.**

- Due to pastrain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- If incidence of **Damping off** is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. **To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.**

**Fruits:**

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya yellow mosaic virus**, spray Imidachloprid @ 0.5 ml / litre.

**Dr Sujata Sethy**  
**(Nodal officer)**



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



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





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



**Bulletin No.-425**  
**Date- 11/08/2023**

**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 1mm & district received average 1.2mm rainfall during the last week. The mean daily maximum and minimum temperature was **33.4°C (+1.4°C from normal)** and **27.4°C (+3.2°C from normal)**, respectively. Mean relative humidity of the district was around 75-81%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> August (8.30IST)2023**

**Weather advisory:** *Light to moderate rainfall is forecasted for today & tomorrow and very light rainfall is forecasted for next 3 days in the block.* The day temperature will be **32-35°C** and night temperature will be **25-28°C** for upcoming 5 days. Maximum and minimum relative humidity will be 71-82% and 42-55% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2023	12/08/2023	13/08/2023	14/08/2023	15/08/2023
Rainfall(mm)	7	12	2	3	5
T-Max(°C)	34	35	34	35	32
T-Min(°C)	27	28	28	27	25
Cloud Cover(octa)	7	8	8	7	8
RH Max (%)	75	75	71	76	82
RH Min (%)	42	43	45	43	55
Wind Speed (Kmph)	13	11	11	15	15
Wind Direction (deg)	248	283	283	287	293

**Agromet Advisory**

**Kharif rice:**

- Farmers should go for beushanning and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.
- Drain out the excess rain water from paddy nurseries.
- Heavy weed infestation may be there after rainfall, so to control weeds in rice, spray Bispyribac sodium 10% SC @ 120ml/acre in 8 tanks of 16 litre capacity sprayer at 8-10 days after emergence of weeds (or when the weeds are at 2-3 leaf stage)
- Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease.*
- If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.*
- In early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.*
- Anticipated increase in temperature condition may led to infestation of rice thrips in rice. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/litre of water.*
- If swarming caterpillar will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.*

**Sugarcane:**

- Drain out excess water from the field as early as possible.
- After cessation of rains weeding and earthing up should be done in this time after that Top dressing of Urea @30 kg/acre for 30-60 days old sugarcane plant.
- For **Red rot and wilt disease**, spray the crop with Mancozeb 0.3% or carbendazim 0.1% or Azoxystrobin 18.2% SC/ Difenconazole 11.45SC @ 1ml per liter water in dry days.
- Temperatures between 29-35 degree Celsius, humidity 60-70 %; this may favour the growth of Whiteflies in sugarcane;; spray Thiamethoxam 25 WG @ 125g/ha or apply Chlorpyrifos @ 2.5ml/litre water.

**VEGETABLES:** **Darin out excess water from vegetable field and nursery and cover the vegetable seedling with polythine cover in view of heavy rainfall activity.**

- Due to pastrain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- If incidence of **Damping off** is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. **To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.**

**Fruits:**

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya yellow mosaic virus**, spray Imidachloprid @ 0.5 ml / litre.

**Dr Sujata Sethy**  
**(Nodal officer)**



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



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



**GRAMIN 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.-425**  
**Date- 11/08/2023**

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

The block received average 6mm & district received average 1.2mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.4°C (+1.4°C from normal) and 27.4°C (+3.2°C from normal), respectively. Mean relative humidity of the district was around 75-81%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> August (8.30IST)2023**

**Weather advisory:** Light to moderate rainfall is forecasted for today & tomorrow and very light rainfall is forecasted for next 3 days in the block. The day temperature will be 32-34°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-77% and 40-52% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2023	12/08/2023	13/08/2023	14/08/2023	15/08/2023
Rainfall(mm)	6	13	5	3	5
T-Max(°C)	34	34	34	35	32
T-Min(°C)	27	28	27	27	26
Cloud Cover(octa)	7	8	8	8	8
RH Max (%)	72	76	76	73	77
RH Min (%)	40	41	46	43	52
Wind Speed (Kmph)	15	12	10	15	14
Wind Direction (deg)	236	287	270	290	293

**Agromet Advisory**

**Kharif rice:**

- Farmers should go for beushanning and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.
- Drain out the excess rain water from paddy nurseries.
- Heavy weed infestation may be there after rainfall, so to control weeds in rice, spray Bispyribac sodium 10% SC @ 120ml/acre in 8 tanks of 16 litre capacity sprayer at 8-10 days after emergence of weeds (or when the weeds are at 2-3 leaf stage)
- Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin @ 1.0 g/l to prevent the spread of the disease.
- If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.
- In early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- Anticipated increase in temperature condition may led to infestation of rice thrips in rice. Apply Fipronil 5SC @ 2ml/l of water or Thiomethoxam @ 0.4g/litre of water.
- If swarming caterpillar will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.

**Sugarcane:**

- Drain out excess water from the field as early as possible.
- After cessation of rains weeding and earthing up should be done in this time after that Top dressing of Urea @ 30 kg/acre for 30-60 days old sugarcane plant.
- For Red rot and wilt disease, spray the crop with Mancozeb 0.3% or carbendazim 0.1% or Azoxystrobin 18.2% SC/ Difenconazole 11.45SC @ 1ml per liter water in dry days.
- Temperatures between 29-35 degree Celsius, humidity 60-70 %; this may favour the growth of Whiteflies in sugarcane;; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyrifos @ 2.5ml/litre water.

**VEGETABLES:** Drain out excess water from vegetable field and nursery and cover the vegetable seedling with polythine cover in view of heavy rainfall activity.

- Due to pastrain, Chances of fruit rot infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- If incidence of Damping off is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever sucking pests incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.

**Fruits:**

Spray mancozeb 2g/litre, to control sigatoka leaf spot in banana. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

**Dr Sujata Sethy**  
**(Nodal officer)**



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



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



# GRAMIN 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.-425

Date- 11/08/2023

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

The block received average 0.6mm & district received average 1.2mm rainfall during the last week. The mean daily maximum and minimum temperature was **33.4°C (+1.4°C from normal)** and **27.4°C (+3.2°C from normal)**, respectively. Mean relative humidity of the district was around 75-81%.

## Forecasted period: Today(8.30IST) to 16<sup>th</sup> August (8.30IST)2023

**Weather advisory:** *Light to moderate rainfall is forecasted for today & tomorrow and very light rainfall is forecasted for next 3 days in the block.* The day temperature will be and it will be **32-34°C** and night temperature will be **25-28°C** for upcoming 5 days. Maximum and minimum relative humidity will 74-83% and 41-55% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2023	12/08/2023	13/08/2023	14/08/2023	15/08/2023
Rainfall(mm)	6	15	2	3	5
T-Max(°C)	34	34	34	34	32
T-Min(°C)	27	28	27	27	25
Cloud Cover(octal)	7	8	8	8	8
RH Max (%)	74	76	74	76	83
RH Min (%)	41	44	46	44	55
Wind Speed (Kmph)	15	12	12	14	17
Wind Direction (deg)	244	283	257	287	293

## Agro-met Advisory

### Kharif rice:

- Farmers should go for beushanning and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.
- Drain out the excess rain water from paddy nurseries.
- Heavy weed infestation may be there after rainfall, so to control weeds in rice, spray Bispyribac sodium 10% SC @ 120ml/acre in 8 tanks of 16 litre capacity sprayer at 8-10 days after emergence of weeds (or when the weeds are at 2-3 leaf stage)
- Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease.*
- If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.*
- In early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.*
- Anticipated increase in temperature condition may led to infestation of rice thrips in rice. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/litre of water.*
- If swarming caterpillar will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.*

**Sugarcane:** Drain out excess water from the field as early as possible. After cessation of rains weeding and earthing up should be done in this time after that Top dressing of Urea @30 kg/acre for 30-60 days old sugarcane plant.

- For **Red rot and wilt disease**, spray the crop with Mancozeb 0.3% or carbendazim 0.1% or Azoxystrobin 18.2% SC/ Difenconazole 11.45SC @ 1ml per liter water in dry days.

Temperatures between 29-35 degree Celsius, humidity 60-70 %; this may favour the growth of Whiteflies in sugarcane;; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyrifos @ 2.5ml/litre water.

### Jute:

- Recent rain has aggravated **weed problem** in early sown crop. To control grass weeds, apply Quizalofop-pethyl@2ml/litre of water at 2-3 leaf stage of weeds.
- After rain in vegetative stage to control **stem rot of jute**, spray copper oxychloride @ 3-4 gram/liter of water.
- To control **indigo caterpillar** apply Spinosad (45% S.C) 0.3 ml/liter of water or Emamectin benzoate (5% SC) 0.5 gram per liter of water.

**VEGETABLES:** *Drain out excess water from vegetable field and nursery and cover the vegetable seedling with polythene cover in view of heavy rainfall activity.*

- Due to pastrain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- If incidence of **Damping off** is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. **To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.**

**Fruits:** Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya yellow mosaic virus**, spray Imidachloprid @ 0.5 ml / litre.

Dr Sujata Sethy  
(Nodal officer)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427





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



**Bulletin No.-425**  
**Date- 11/08/2023**

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 1.2mm rainfall during the last week. The mean daily maximum and minimum temperature was **33.4°C (+1.4°C from normal)** and **27.4°C (+3.2°C from normal)**, respectively. Mean relative humidity of the district was around 75-81%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> August (8.30IST)2023**

**Weather advisory:** Light rainfall is forecasted for today & tomorrow and very light rainfall is forecasted for next 3 days in the block. The day temperature will be 27-34°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-91% and 45-78% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2023	12/08/2023	13/08/2023	14/08/2023	15/08/2023
Rainfall(mm)	6	6	2	3	5
T-Max(°C)	33	34	32	34	27
T-Min(°C)	25	25	25	25	23
Cloud Cover(/octa)	7	8	7	7	8
RH Max (%)	83	86	82	88	91
RH Min (%)	45	47	55	47	78
Wind Speed (Kmph)	8	9	9	9	8
Wind Direction (deg)	251	291	283	291	283

**Agromet Advisory**

**Kharif rice:**

- Farmers should go for beushanning and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.
- Drain out the excess rain water from paddy nurseries.
- Heavy weed infestation may be there after rainfall, so to control weeds in rice, spray Bispyribac sodium 10% SC @ 120ml/acre in 8 tanks of 16 litre capacity sprayer at 8-10 days after emergence of weeds (or when the weeds are at 2-3 leaf stage)
- Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease.*
- If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.*
- In early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.*
- Anticipated increase in temperature condition may led to infestation of rice thrips in rice. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/litre of water.*
- If swarming caterpillar will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.*

**Maize:**

- Maize crop is highly sensitive to waterlogged conditions during seedling stage. Hence, drain out excess water from the field as early as possible.
- After cessation of rains apply booster dose of fertilizer.
- Weeds may be controlled after rainfall.
- Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/lit or Dimethoate @ 2ml/lit or apply Carbofuran 3G granuals @ 14 kg/acre.
- High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb 300 g /ac.

**VEGETABLES:** **Darin out excess water from vegetable field and nursery and cover the vegetable seedling with polythine cover in view of heavy rainfall activity.**

- Due to pastrain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- If incidence of **Damping off** is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.

**Fruits:**

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya yellow mosaic virus**, spray Imidachloprid @ 0.5 ml / litre.

**Dr Sujata Sethy**  
**(Nodal officer)**



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



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



**GRAMIN 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.-425**  
**Date- 11/08/2023**

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

The block received average 5mm & district received average 1.2mm rainfall during the last week. The mean daily maximum and minimum temperature was **33.4°C (+1.4°C from normal)** and **27.4°C (+3.2°C from normal)**, respectively. Mean relative humidity of the district was around 75-81%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> August (8.30IST)2023**

**Weather advisory:** *Light to moderate rainfall is forecasted for today & tomorrow and very light rainfall is forecasted for next 3 days in the block.* The day temperature will be **32-34°C** and night temperature will be **26-28°C** for upcoming 5 days. Maximum and minimum relative humidity will be 72-76% and 40-49% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2023	12/08/2023	13/08/2023	14/08/2023	15/08/2023
Rainfall(mm)	7	14	5	3	5
T-Max(°C)	34	34	33	34	32
T-Min(°C)	27	28	27	27	26
Cloud Cover(octa)	6	8	8	8	8
RH Max (%)	71	76	77	72	76
RH Min (%)	40	41	48	43	49
Wind Speed(Kmph)	17	13	11	15	14
Wind Direction(deg)	238	259	248	285	293

**Agromet Advisory**

**Kharif rice:**

- Farmers should go for beushanning and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.
- Drain out the excess rain water from paddy nurseries.
- Heavy weed infestation may be there after rainfall, so to control weeds in rice, spray Bispyribac sodium 10% SC @ 120ml/acre in 8 tanks of 16 litre capacity sprayer at 8-10 days after emergence of weeds (or when the weeds are at 2-3 leaf stage)
- Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease.*
- If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.*
- In early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.*
- Anticipated increase in temperature condition may led to infestation of rice thrips in rice. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/litre of water.*
- If swarming caterpillar will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.*

**Sugarcane:**

- Drain out excess water from the field as early as possible.
- After cessation of rains weeding and earthing up should be done in this time after that Top dressing of Urea @30 kg/acre for 30-60 days old sugarcane plant.
- For **Red rot and wilt disease**, spray the crop with Mancozeb 0.3% or carbendazim 0.1% or Azoxystrobin 18.2% SC/ Difenconazole 11.45SC @ 1ml per liter water in dry days.
- Temperatures between 29-35 degree Celsius, humidity 60-70 %; this may favour the growth of Whiteflies in sugarcane;; spray Thiamethoxam 25 WG @ 125g/ha or apply Chlorpyrifos @ 2.5ml/litre water.

**VEGETABLES:** **Darin out excess water from vegetable field and nursery and cover the vegetable seedling with polythine cover in view of heavy rainfall activity.**

- Due to pastrain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- If incidence of **Damping off** is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. **To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.**

**Fruits:**

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya yellow mosaic virus**, spray Imidachloprid @ 0.5 ml / litre.

**Dr Sujata Sethy**  
**(Nodal officer)**



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



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



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



**Bulletin No.-425**  
**Date- 11/08/2023**

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

**AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI**

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

The block received average 0mm & district received average 1.2mm rainfall during the last week. The mean daily maximum and minimum temperature was **33.4°C (+1.4°C from normal)** and **27.4°C (+3.2°C from normal)**, respectively. Mean relative humidity of the district was around 75-81%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> August (8.30IST)2023**

**Weather advisory:** *Light to moderate rainfall is forecasted for today & tomorrow and very light rainfall is forecasted for next 3 days in the block.* The day temperature will be 32-34°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-82% and 41-55% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2023	12/08/2023	13/08/2023	14/08/2023	15/08/2023
Rainfall(mm)	6	19	2	3	5
T-Max(°C)	34	34	33	34	32
T-Min(°C)	27	28	27	27	25
Cloud Cover(octa)	7	8	8	8	8
RH Max (%)	73	77	76	75	82
RH Min (%)	41	43	47	45	55
Wind Speed (Kmph)	14	12	11	14	16
Wind Direction (deg)	244	283	259	287	293

**Agromet Advisory**

**Kharif rice:**

- Farmers should go for beushanning and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.
- Drain out the excess rain water from paddy nurseries.
- Heavy weed infestation may be there after rainfall, so to control weeds in rice, spray Bispyribac sodium 10% SC @ 120ml/acre in 8 tanks of 16 litre capacity sprayer at 8-10 days after emergence of weeds (or when the weeds are at 2-3 leaf stage)
- Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease.*
- If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.*
- In early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.*
- Anticipated increase in temperature condition may led to infestation of rice thrips in rice. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/litre of water.*
- If swarming caterpillar will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.*

**Sugarcane:**

- Drain out excess water from the field as early as possible.
- After cessation of rains weeding and earthing up should be done in this time after that Top dressing of Urea @30 kg/acre for 30-60 days old sugarcane plant.
- For **Red rot and wilt disease**, spray the crop with Mancozeb 0.3% or carbendazim 0.1% or Azoxystrobin 18.2% SC/ Difenconazole 11.45SC @ 1ml per liter water in dry days.
- Temperatures between 29-35 degree Celsius, humidity 60-70 %; this may favour the growth of Whiteflies in sugarcane;; spray Thiamethoxam 25 WG @ 125g/ha or apply Chlorpyrifos @ 2.5ml/litre water.

**VEGETABLES:** **Darin out excess water from vegetable field and nursery and cover the vegetable seedling with polythine cover in view of heavy rainfall activity.**

- Due to pastrain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- If incidence of **Damping off** is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. **To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.**

**Fruits:**

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya yellow mosaic virus**, spray Imidachloprid @ 0.5 ml / litre.

**Dr Sujata Sethy**  
**(Nodal officer)**



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



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





**GRAMIN 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.-425**  
**Date- 11/08/2023**

**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 1.2mm rainfall during the last week. The mean daily maximum and minimum temperature was **33.4°C (+1.4°C from normal)** and **27.4°C (+3.2°C from normal)**, respectively. Mean relative humidity of the district was around 75-81%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> August (8.30IST)2023**

**Weather advisory:** *Light to moderate rainfall is forecasted for today & tomorrow and very light rainfall is forecasted for next 3 days in the block.* The day temperature will be **32-34°C** and night temperature will be **25-28°C** for upcoming 5 days. Maximum and minimum relative humidity will be 74-82% and 41-55% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2023	12/08/2023	13/08/2023	14/08/2023	15/08/2023
Rainfall(mm)	6	18	2	3	5
T-Max(°C)	34	35	33	34	32
T-Min(°C)	27	28	27	27	25
Cloud Cover(octa)	7	8	8	8	8
RH Max (%)	74	78	75	75	82
RH Min (%)	41	43	47	44	55
Wind Speed (Kmph)	14	12	11	15	16
Wind Direction (deg)	244	283	259	287	293

**Agromet Advisory**

**Kharif rice:**

- Farmers should go for beushanning and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.
- Drain out the excess rain water from paddy nurseries.
- Heavy weed infestation may be there after rainfall, so to control weeds in rice, spray Bispyribac sodium 10% SC @ 120ml/acre in 8 tanks of 16 litre capacity sprayer at 8-10 days after emergence of weeds (or when the weeds are at 2-3 leaf stage)
- Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease.*
- If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.*
- In early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.*
- Anticipated increase in temperature condition may led to infestation of rice thrips in rice. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/litre of water.*
- If swarming caterpillar will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.*

**Sugarcane:** Drain out excess water from the field as early as possible. After cessation of rains weeding and earthing up should be done in this time after that Top dressing of Urea @30 kg/acre for 30-60 days old sugarcane plant.

- For **Red rot and wilt disease**, spray the crop with Mancozeb 0.3% or carbendazim 0.1% or Azoxystrobin 18.2% SC/ Difenconazole 11.45SC @ 1ml per liter water in dry days.
- Temperatures between 29-35 degree Celsius, humidity 60-70 %; this may favour the growth of Whiteflies in sugarcane;; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyrifos @ 2.5ml/litre water.

**Jute:**

- Recent rain has aggravated **weed problem** in early sown crop. To control grass weeds, apply Quizalofop-pethyl@2ml/litre of water at 2-3 leaf stage of weeds.
- After rain in vegetative stage to control **stem rot of jute**, spray copper oxychloride @ 3-4 gram/liter of water.
- To control **indigo caterpillar** apply Spinosad (45% S.C) 0.3 ml/liter of water or Emamectin benzoate (5% SC) 0.5 gram per liter of water.

**VEGETABLES:** **Drain out excess water from vegetable field and nursery and cover the vegetable seedling with polythine cover in view of heavy rainfall activity.**

- Due to pastrain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- If incidence of **Damping off** is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. **To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.**

**Fruits:** Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya yellow mosaic virus**, spray Imidachloprid @ 0.5 ml / litre.

**Dr Sujata Sethy**  
**(Nodal officer)**



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



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



# GRAMIN 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 TANGI-CHOUDWAR



Bulletin No.-425

Date- 11/08/2023

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

The block received average 3mm & district received average 1.2mm rainfall during the last week. The mean daily maximum and minimum temperature was **33.4°C (+1.4°C from normal)** and **27.4°C (+3.2°C from normal)**, respectively. Mean relative humidity of the district was around 75-81%.

## Forecasted period: Today(8.30IST) to 16<sup>th</sup> August (8.30IST)2023

**Weather advisory:** *Light to moderate rainfall is forecasted for today & tomorrow and very light rainfall is forecasted for next 3 days in the block.* The day temperature will be 32-34°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-82% and 45-61% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2023	12/08/2023	13/08/2023	14/08/2023	15/08/2023
Rainfall(mm)	6	11	2	3	5
T-Max(°C)	34	35	33	34	32
T-Min(°C)	27	28	27	27	25
Cloud Cover(octa)	5	8	8	8	8
RH Max (%)	73	78	79	77	82
RH Min (%)	45	47	61	49	56
Wind Speed (Kmph)	21	15	15	17	15
Wind Direction (deg)	225	243	238	289	293

## Agromet Advisory

### Kharif rice:

- Farmers should go for beushanning and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.
- Drain out the excess rain water from paddy nurseries.
- Heavy weed infestation may be there after rainfall, so to control weeds in rice, spray Bispyribac sodium 10% SC @ 120ml/acre in 8 tanks of 16 litre capacity sprayer at 8-10 days after emergence of weeds (or when the weeds are at 2-3 leaf stage)
- Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease.*
- If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.*
- In early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.*
- Anticipated increase in temperature condition may led to infestation of rice thrips in rice. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/litre of water.*
- If swarming caterpillar will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.*

### Maize:

- Maize crop is highly sensitive to waterlogged conditions during seedling stage. Hence, drain out excess water from the field as early as possible.
- After cessation of rains apply booster dose of fertilizer.
- Weeds may be controlled after rainfall.
- Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @1 ml/lit or Dimethoate @ 2ml/lit or apply Carbofuran 3G granuals @ 14 kg/acre.
- High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb 300 g /ac.

**VEGETABLES:** *Darin out excess water from vegetable field and nursery and cover the vegetable seedling with polythine cover in view of heavy rainfall activity.*

- Due to pastrain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- If incidence of **Damping off** is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. **To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.**

### Fruits:

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya yellow mosaic virus**, spray Imidachloprid @ 0.5 ml / litre.

Dr Sujata Sethy  
(Nodal officer)



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



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



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



**Bulletin No.-425**  
**Date- 11/08/2023**

**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 1.2mm rainfall during the last week. The mean daily maximum and minimum temperature was **33.4°C (+1.4°C from normal)** and **27.4°C (+3.2°C from normal)**, respectively. Mean relative humidity of the district was around 75-81%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> August (8.30IST)2023**

**Weather advisory: Light rainfall is forecasted for today & tomorrow and very light rainfall is forecasted for next 3 days in the block.**

The day temperature will be **30-35°C** and night temperature will be **24-27°C** for upcoming 5 days. Maximum and minimum relative humidity will be 78-86% and 46-63% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/08/2023	12/08/2023	13/08/2023	14/08/2023	15/08/2023
Rainfall(mm)	7	8	2	3	5
T-Max(°C)	34	35	33	35	30
T-Min(°C)	26	27	26	26	24
Cloud Cover(octa)	7	8	8	7	8
RH Max (%)	78	82	75	81	86
RH Min (%)	46	46	50	47	63
Wind Speed (Kmph)	11	10	11	12	11
Wind Direction (deg)	225	289	291	291	291

**Agro met Advisory**

**Kharif rice:**

- Farmers should go for beushanning and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.
- Drain out the excess rain water from paddy nurseries.
- Heavy weed infestation may be there after rainfall, so to control weeds in rice, spray Bispyribac sodium 10% SC @ 120ml/acre in 8 tanks of 16 litre capacity sprayer at 8-10 days after emergence of weeds (or when the weeds are at 2-3 leaf stage)
- *Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease.*
- *If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.*
- *In early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.*
- *Anticipated increase in temperature condition may led to infestation of rice thrips in rice. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/litre of water.*
- *If swarming caterpillar will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.*

**Maize:**

- Maize crop is highly sensitive to waterlogged conditions during seedling stage. Hence, drain out excess water from the field as early as possible.
- After cessation of rains apply booster dose of fertilizer.
- Weeds may be controlled after rainfall.
- **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre.
- High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb 300 g /ac.

**VEGETABLES:** **Darin out excess water from vegetable field and nursery and cover the vegetable seedling with polythine cover in view of heavy rainfall activity.**

- Due to past rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- If incidence of **Damping off** is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. **To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.**

**Fruits:**

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya yellow mosaic virus**, spray Imidachloprid @ 0.5 ml / litre.

**Dr Sujata Sethy**  
**(Nodal officer)**



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



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





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



Bulletin No.-425  
 Date- 11/08/2023

				
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>	

Dr Sujata Sethy  
 (Nodal officer)



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



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