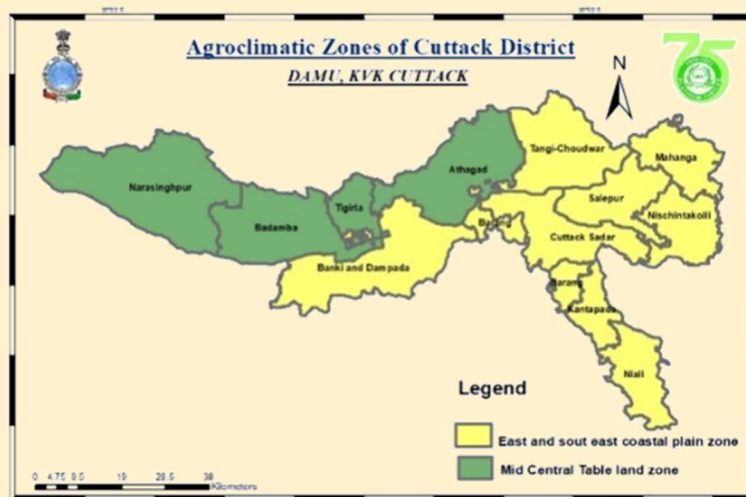




# *Cuttack District Block Wise Agro-met Advisory Service Bulletin*

*Tuesday, 01<sup>st</sup> September, 2023  
(For the period 01<sup>st</sup> September to 05<sup>th</sup>  
September, 2023)*



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



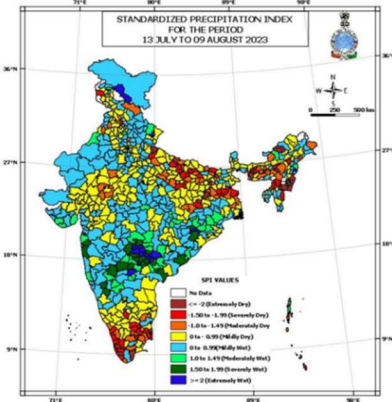
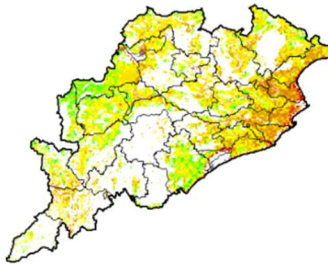


**GRAMIN KRISHI MAUSAM SEWA**  
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**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
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Bulletin No.-432  
Date- 01/09/2023

**STANDARD PRECIPITATION INDEX AND NDVI MAP**

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p style="text-align: center;"><b>Standardised Precipitation Index</b> for the period 13<sup>th</sup> July to 9<sup>th</sup> August 2023</p> <p style="text-align: center;">MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CRS PUNE</p>  <p><b>As per SPI value (cumulative 4weeks -13 July to 9August 2023), Mildly wet condition was there in Cuttack district.</b></p>	<p style="text-align: center;">NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 34 (20.08.2023 to 26.08.2023) over Agricultural region</p> <p style="text-align: center;"><b>Odisha</b></p>  <p style="text-align: center;">Agriculture vigour is moderate over few places of the state.</p> <p><b>According to NDVI map (20.08.2023 to 26.08.2023) the agriculture vigor was moderate over isolated places of Narsinghpur, Badamba block of Cuttack district and very light to light over most places of other blocks.</b></p>

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

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

Dr Sujata Sethy  
(Nodal officer)



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Debasish Jena  
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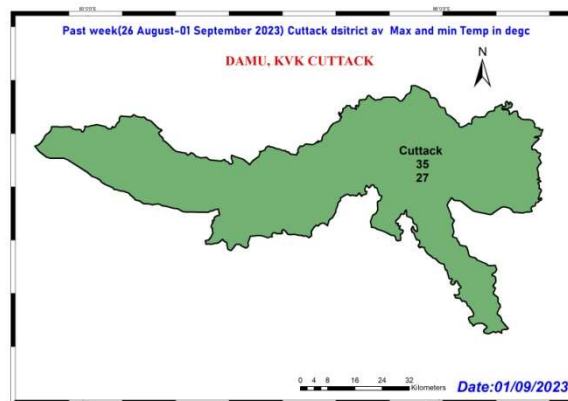
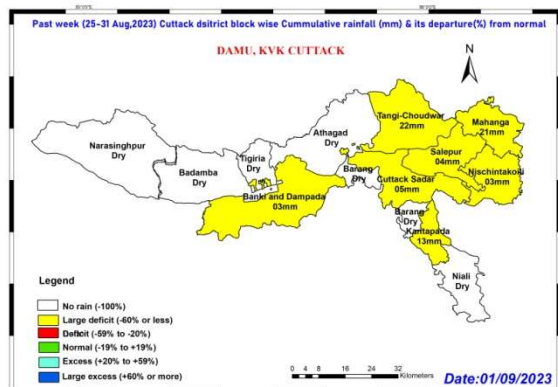


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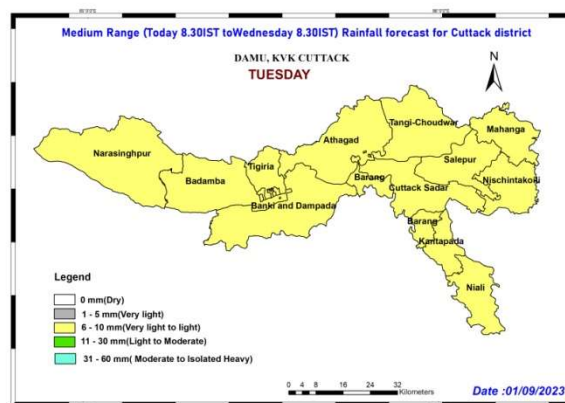
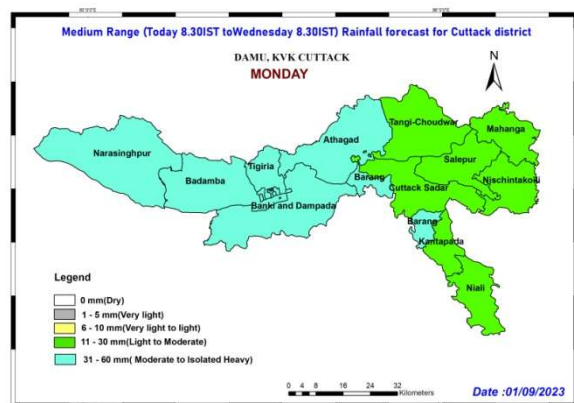
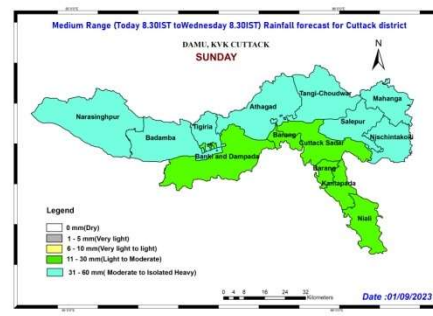
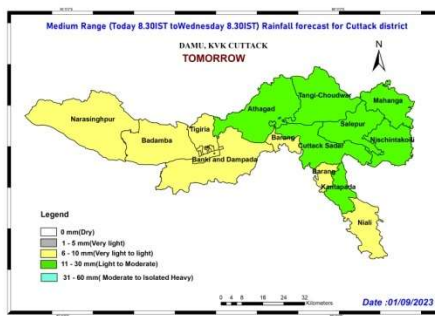
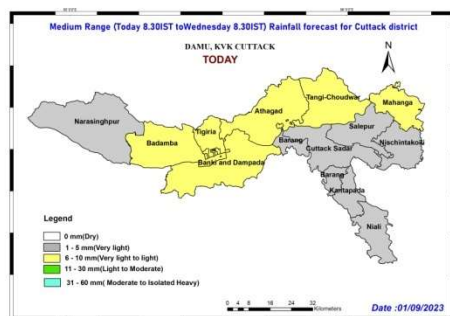


**Bulletin No.-432**  
**Date- 01/09/2023**

**Past week (25-31 August, 2023) cumulative rainfall(mm) & its departure% from normal and (26 August-01 September) 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)



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**Bulletin No.-432**  
**Date- 01/09/2023**

Met Sub division	Extended range outlook for subsequent 1 week (6 <sup>th</sup> to 12 <sup>th</sup> days) (06-12 September 2023) after 5 days				
Odisha	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall (mm)	10.16	10.14	0.20	Normal
	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature (°C)	31.93	31.25	0.68	Normal
	Minimum temperature (°C)	24.46	24.01	0.44	Normal

**\*Agromet Advisory based upon subsequent week extended range forecast:-** There will be **normal rainfall in the subsequent week (06-12 September, 2023) after 5 days in Odisha condition.** As there will be light to moderate with isolated heavy rainfall is forecasted in between upcoming 5 days and also normal rainfall is forecasted in the subsequent week, so there may be water logging condition in rice and other vegetable field. Farmers may go for drainage of excess water from rice, maize, pulses, kharif groundnut after 5 days/in the subsequent week. **Farmers should pause fertilizer/pesticide application; human labour engagement in upcoming 5 days as well as in the subsequent week.**

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



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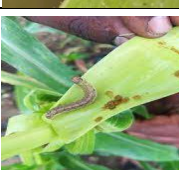


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Bulletin No.-432

Date- 01/09/2023

**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	Tillering to Panicle initiation		Blast
				sheath Blight
				Stem Borer
				Gall midge
2	Sugarcane	Vegetative to Tillering		Red rot
				Wilt
				Early shoot borer
3	Maize	5 week stage		Stem fly
				Fall army worm
				Leaf blight
				Stalk rot

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3	Brinjal, tomoto, chilli	seedling		Damping off
				Stem rot
4	Tomato and brinjal			Mealy bug
				Mites
				Bacterial wilt
				White fly
				Jassid
5	okra	Fruting		cercospora leaf spot

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**(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.-432

Date- 01/09/2023

## 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 0.6mm rainfall during the last week. The mean daily maximum and minimum temperature was **35°C (+2.1°C from normal)** and **27°C (+2.3°C from normal)**, respectively. Mean relative humidity of the district was around 74-82%.

### Forecasted period: Today(8.30IST) to 06<sup>th</sup> September (8.30IST)2023

**Weather advisory::** Light to moderate with isolated heavy rainfall is forecasted in between upcoming 5 days in the block. The day temperature will be 34-36°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-90% and 43-54% 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	01/09/2023	02/09/2023	03/09/2023	04/09/2023	05/09/2023
Rainfall (mm)	6	18	32	31	10
T-Max (°C)	36	36	35	34	34
T-Min (°C)	27	27	27	26	26
Cloud Cover (octa)	8	8	8	8	6
RH Max (%)	80	83	83	86	90
RH Min (%)	43	48	49	51	54
Wind Speed (kmph)	7	7	5	8	8
Wind Direction (deg)	270	304	293	120	124

### Agromet Advisory

**General advisory:** Farmers should arrange drainage of excess water from vegetable and rice field. As relative humidity will likely to be above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially in upcoming 5 days

#### Kharif Rice:

- The crop is at tillering to panicle development stage. Maintain about 2-3 cm standing water during tillering stage. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- 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.
- Anticipated wet spell is favorable for incidence of Sheath blight in rice. Go for foliar spray of Hexaconazole with Plantomycin @ 1.0 g/l to prevent the spread of the disease.
- In Gall midge affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre
- Weekly Temperature below 28deg c and continuous rainfall lead to infestation of stem borer at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

#### 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 granules @ 14 kg/acre.
- High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of leaf blight in Maize. To control spray Azoxystrobin + Mancozeb 300 g /ac. Due to water logging condition stem rot may be found, then farmers should apply carbendazim @ 2g/ltr water.
- Dry weather followed by wet spell will lead to fall army worm infestation in maize. To control fall armyworm in maize erect 4 pheromone traps /acre and spray 5 ml of 1500ppm neem oil / 1 lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water.

#### VEGETABLES:

- Due to forecasted 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.
- Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control Cercospora leaf spot.

Dr Sujata Sethy  
(Nodal officer)



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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.-432

Date- 01/09/2023

## 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 0.6mm rainfall during the last week. The mean daily maximum and minimum temperature was **35°C (+2.1°C from normal)** and **27°C (+2.3°C from normal)**, respectively. Mean relative humidity of the district was around 74-82%.

### Forecasted period: Today(8.30IST) to 06<sup>th</sup> September (8.30IST)2023

**Weather advisory:** Light to moderate with isolated heavy rainfall is forecasted in between upcoming 5 days in the block. The day temperature will be **34-36°C** and night temperature will be **25-27°C** for upcoming 5 days. Maximum and minimum relative humidity will be 78-90% and 44-53% 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	01/09/2023	02/09/2023	03/09/2023	04/09/2023	05/09/2023
Rainfall(mm)	6	9	32	36	10
T-Max(°C)	36	36	35	35	34
T-Min(°C)	27	26	26	26	25
Cloud Cover(octa)	8	8	8	8	7
RH Max (%)	78	82	82	82	90
RH Min (%)	44	48	50	49	53
Wind Speed (Kmph)	6	6	5	7	7
Wind Direction (deg)	214	334	293	124	124

### Agromet Advisory

**General advisory:** Farmers should arrange drainage of excess water from vegetable and rice field. As relative humidity will likely to be above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially in upcoming 5 days

### Kharif Rice:

- The crop is at tillering to panicle development stage. Maintain about 2-3 cm standing water during tillering stage. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- 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.
- Anticipated wet spell is favorable for incidence of **Sheath blight** in rice. Go for foliar spray of Hexaconazole with Plantomycin @ 1.0 g/l to prevent the spread of the disease.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre
- Weekly Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

### 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. Due to water logging condition stem rot may be found, then farmers should apply carbendazim @ 2g/ltr water.
- Dry weather followed by wet spell will lead to fall army worm infestation in maize. To control **fall armyworm** in maize erect 4 pheromone traps /acre and spray 5 ml of 1500ppm neem oil / 1 lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water.

### VEGETABLES:

- Due to forecasted 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.

Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Dr Sujata Sethy  
(Nodal officer)



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Bulletin No.-432  
Date- 01/09/2023

**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week average weather condition**

The district received average 0.6mm rainfall during the last week. The mean daily maximum and minimum temperature was **35°C (+2.1°C from normal)** and **27°C (+2.3°C from normal)**, respectively. Mean relative humidity of the district was around 74-82%.

**Forecasted period: Today(8.30IST) to 06<sup>th</sup> September (8.30IST)2023**

**Weather advisory:** *Light to moderate with isolated heavy rainfall is forecasted in between upcoming 5 days in the block.* The day temperature will be **34-36°C** and night temperature will be **25-27°C** for upcoming 5 days. Maximum and minimum relative humidity will be 76-89% and 43-52% 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	01/09/2023	02/09/2023	03/09/2023	04/09/2023	05/09/2023
Rainfall(mm)	7	9	28	31	10
T-Max(°C)	36	36	35	34	34
T-Min(°C)	27	27	27	26	25
Cloud Cover(octa)	8	8	8	8	6
RH Max (%)	76	81	81	83	89
RH Min (%)	43	45	48	48	52
Wind Speed (Kmph)	7	7	6	8	8
Wind Direction (deg)	214	326	68	120	144

**Agromet Advisory**

**General advisory:** *Farmers should arrange drainage of excess water from vegetable and rice field. As relative humidity will likely to be above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially in upcoming 5 days*

**Kharif Rice:**

- The crop is at tillering to panicle development stage. Maintain about 2-3 cm standing water during tillering stage. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- 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.
- Anticipated wet spell is favorable for incidence of **Sheath blight** in rice. Go for foliar spray of Hexaconazole with Plantomycin @ 1.0 g/l to prevent the spread of the disease.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre
- Weekly Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

**Maize:**

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- 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 granules @ 14 kg/acre.
- High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb 300 g /ac. Due to water logging condition stem rot may be found, then farmers should apply carbendazim @ 2g/ltr water.
- Dry weather followed by wet spell will lead to fall army worm infestation in maize. To control **fall armyworm** in maize erect 4 pheromone traps /acre and spray 5 ml of 1500ppm neem oil / 1 lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water.

**VEGETABLES:**

- Due to forecasted 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.
- Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

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Bulletin No.-432

Date- 01/09/2023

## AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 0.4mm & district received average 0.6mm rainfall during the last week. The mean daily maximum and minimum temperature was **35°C (+2.1°C from normal)** and **27°C (+2.3°C from normal)**, respectively. Mean relative humidity of the district was around 74-82%.

### Forecasted period: Today (8.30 IST) to 06<sup>th</sup> September (8.30 IST) 2023

**Weather Advisory:** Light to moderate with isolated heavy rainfall is forecasted in between upcoming 5 days in the block. The day temperature will be 34-36°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-89% and 43-53% 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	01/09/2023	02/09/2023	03/09/2023	04/09/2023	05/09/2023
Rainfall (mm)	8	10	30	32	10
T-Max (°C)	36	36	35	34	34
T-Min (°C)	27	27	27	26	25
Cloud Cover (octa)	8	8	8	8	6
RH Max (%)	76	82	82	84	89
RH Min (%)	43	45	48	49	53
Wind Speed (Kmph)	7	7	6	8	8
Wind Direction (deg)	214	333	68	120	144

### Agromet Advisory

**General advisory:** Farmers should arrange drainage of excess water from vegetable and rice field. As relative humidity will likely to be above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially in upcoming 5 days.

### Kharif Rice:

- The crop is at tillering to panicle development stage. Maintain about 2-3 cm standing water during tillering stage. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- 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.
- Anticipated wet spell is favorable for incidence of **Sheath blight** in rice. Go for foliar spray of Hexaconazole with Plantomycin @ 1.0 g/l to prevent the spread of the disease.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre.
- Weekly Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

### 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. Due to water logging condition stem rot may be found, then farmers should apply carbendazim @ 2g/ltr water.
- Dry weather followed by wet spell will lead to fall army worm infestation in maize. To control **fall armyworm** in maize erect 4 pheromone traps /acre and spray 5 ml of 1500ppm neem oil / 1 lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water.

### VEGETABLES:

- Due to forecasted 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.

Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Dr Sujata Sethy  
(Nodal officer)



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Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



**GRAMIN KRISHIMAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
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Bulletin No.-432  
Date- 01/09/2023

**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 0.6mm rainfall during the last week. The mean daily maximum and minimum temperature was **35°C (+2.1°C from normal)** and **27°C (+2.3°C from normal)**, respectively. Mean relative humidity of the district was around 74-82%.

**Forecasted period: Today(8.30IST) to 06<sup>th</sup> September (8.30IST)2023**

**Weather advisory:** *Light to moderate with isolated heavy rainfall is forecasted in between upcoming 5 days in the block.* The day temperature will be **34-36°C** and night temperature will be **26-27°C** for upcoming 5 days. Maximum and minimum relative humidity will be 78-88% and 42-50% 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	01/09/2023	02/09/2023	03/09/2023	04/09/2023	05/09/2023
Rainfall(mm)	5	10	30	31	10
T-Max(°C)	36	36	34	34	34
T-Min(°C)	27	27	27	26	26
Cloud Cover	8	8	8	8	6
RH Max (%)	78	84	80	84	88
RH Min (%)	42	45	48	49	50
Wind Speed (Kmph)	9	7	6	7	8
Wind Direction (deg)	210	191	198	120	124

**Agromet Advisory**

**General advisory:** *Farmers should arrange drainage of excess water from vegetable and rice field. As relative humidity will likely to be above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially in upcoming 5 days*

**Kharif Rice:**

- The crop is at tillering to panicle development stage. Maintain about 2-3 cm standing water during tillering stage. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- 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.
- Anticipated wet spell is favorable for incidence of **Sheath blight** in rice. Go for foliar spray of Hexaconazole with Plantomycin @ 1.0 g/l to prevent the spread of the disease.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre
- Weekly Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

**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 Azoxytrobin + Mancozeb 300 g /ac. Due to water logging condition stem rot may be found, then farmers should apply carbendazim @ 2g/ltr water.
- Dry weather followed by wet spell will lead to fall army worm infestation in maize. To control **fall armyworm** in maize erect 4 pheromone traps /acre and spray 5 ml of 1500ppm neem oil / 1 lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water.

**VEGETABLES:**

- Due to forecasted 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.

Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Dr Sujata Sethy  
(Nodal officer)



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

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AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR



Bulletin No.-432

Date- 01/09/2023

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

The block received average 0.7mm & district received average 0.6mm rainfall during the last week. The mean daily maximum and minimum temperature was **35°C (+2.1°C from normal)** and **27°C (+2.3°C from normal)**, respectively. Mean relative humidity of the district was around 74-82%.

**Forecasted period: Today (8.30 IST) to 06<sup>th</sup> September (8.30 IST) 2023**

**Weather advisory:** *Light to moderate rainfall is forecasted in between upcoming 5 days in the block.* The day temperature will be **34-35°C** and night temperature will be **26-28°C** for upcoming 5 days. Maximum and minimum relative humidity will be 63-78% and 35-47% 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	01/09/2023	02/09/2023	03/09/2023	04/09/2023	05/09/2023
Rainfall (mm)	4	14	27	23	10
T-Max (°C)	35	36	34	34	34
T-Min (°C)	28	28	27	27	26
Cloud Cover (octa)	8	8	8	8	6
RH Max (%)	78	82	80	84	88
RH Min (%)	42	46	48	49	50
Wind Speed (Kmph)	8	7	5	7	8
Wind Direction (deg)	248	200	207	120	135

## Agromet Advisory

### General advisory:

Farmers should arrange drainage of excess water from vegetable and rice field. As relative humidity will likely to be above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially in upcoming 5 days.

### Kharif Rice:

- The crop is at tillering to panicle development stage. Maintain about 2-3 cm standing water during tillering stage. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- 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.
- Anticipated wet spell is favorable for incidence of **Sheath blight** in rice. Go for foliar spray of Hexaconazole with Plantomycin @ 1.0 g/l to prevent the spread of the disease.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre.
- Weekly Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

### Sugarcane:

- Keep arrangement of Drainage of 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.
- For early shoot borer Spray Chloropyriphos @ 400 ml/ac in 200 lts of water after cessation of rain.

### VEGETABLES:

- Due to forecasted 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.
- Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Dr Sujata Sethy  
(Nodal officer)



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**AGROMET ADVISORY BULLETIN FOR KANTAPADA**



Bulletin No.-432

Date- 01/09/2023

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

The block received average 1.9mm& district received average 0.6mm rainfall during the last week. The mean daily maximum and minimum temperature was **35°C (+2.1°C from normal)** and **27°C (+2.3°C from normal)**, respectively. Mean relative humidity of the district was around 74-82%.

**Forecasted period: Today(8.30IST) to 06<sup>th</sup> September (8.30IST)2023**

**Weather advisory:** *Light to moderate rainfall is forecasted in between upcoming 5 days in the block.* The day temperature will be **34-36°C** and night temperature will be **26-27°C** for upcoming 5 days. Maximum and minimum relative humidity will be 79-86% and 42-49% 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	01/09/2023	02/09/2023	03/09/2023	04/09/2023	05/09/2023
Rainfall(mm)	4	15	26	24	10
T-Max(°C)	36	36	34	34	34
T-Min(°C)	27	27	27	26	26
Cloud Cover(octa)	8	8	8	8	5
RH Max (%)	79	87	82	84	86
RH Min (%)	42	44	47	49	49
Wind Speed (Kmph)	10	7	7	7	8
Wind Direction (deg)	208	198	203	68	116

**Agromet Advisory**

**General advisory:**

*Farmers should arrange drainage of excess water from vegetable and rice field. As relative humidity will likely to be above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially in upcoming 5 days*

**Kharif Rice:**

- The crop is at tillering to panicle development stage. Maintain about 2-3 cm standing water during tillering stage. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- 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.
- Anticipated wet spell is favorable for incidence of **Sheath blight** in rice. Go for foliar spray of Hexaconazole with Plantomycin @ 1.0 g/l to prevent the spread of the disease.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre
- Weekly Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

**Sugarcane:**

- Keep arrangement of Drainage of 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.
- For early shoot borer Spray Chloropyrifos @ 400 ml/ac in 200 lts of water after cessation of rain.

**VEGETABLES:**

- Due to forecasted 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.

Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Dr Sujata Sethy  
(Nodal officer)



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

(A Unit of ICAR-National Rice Research Institute)

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

AGROMET ADVISORY BULLETIN FOR MAHANGA



Bulletin No.-432

Date- 01/09/2023

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

The block received average 3mm& district received average 0.6mm rainfall during the last week. The mean daily maximum and minimum temperature was **35°C (+2.1°C from normal)** and **27°C (+2.3°C from normal)**, respectively. Mean relative humidity of the district was around 74-82%.

**Forecasted period: Today(8.30IST) to 06<sup>th</sup> September (8.30IST)2023**

**Weather advisory: Light to moderate with isolated heavy rainfall is forecasted in between upcoming 5 days in the block.** The day temperature will be and it will be **34-36°C** and night temperature will be **26-27°C** for upcoming 5 days. Maximum and minimum relative humidity will 81-87% and 42-49% 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	01/09/2023	02/09/2023	03/09/2023	04/09/2023	05/09/2023
Rainfall(mm)	7	23	33	22	10
T-Max(°C)	35	36	34	34	34
T-Min(°C)	27	27	27	26	26
Cloud Cover(octal)	8	8	8	8	6
RH Max (%)	81	86	82	85	87
RH Min (%)	42	44	49	49	49
Wind Speed (Kmph)	9	8	7	6	8
Wind Direction (deg)	236	205	198	90	113

## Agro-met Advisory

### General advisory:

Farmers should arrange drainage of excess water from vegetable and rice field. As relative humidity will likely to be above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially in upcoming 5 days.

### Kharif Rice:

- The crop is at tillering to panicle development stage. Maintain about 2-3 cm standing water during tillering stage. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- 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.
- Anticipated wet spell is favorable for incidence of **Sheath blight** in rice. Go for foliar spray of Hexaconazole with Plantomycin @ 1.0 g/l to prevent the spread of the disease.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre
- Weekly Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

### Sugarcane:

- Keep arrangement of Drainage of 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.
- For early shoot borer Spray Chloropyriphos @ 400 ml/ac in 200 lts of water after cessation of rain.

### VEGETABLES:

- Due to forecasted 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.
- Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Dr Sujata Sethy  
(Nodal officer)



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**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**



**Bulletin No.-432**  
**Date- 01/09/2023**

**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 0.6mm rainfall during the last week. The mean daily maximum and minimum temperature was **35°C (+2.1°C from normal)** and **27°C (+2.3°C from normal)**, respectively. Mean relative humidity of the district was around 74-82%.

**Forecasted period: Today (8.30IST) to 06<sup>th</sup> September (8.30IST) 2023**

**Weather advisory:** *Light to moderate with isolated heavy rainfall is forecasted in between upcoming 5 days in the block.* The day temperature will be **34-35°C** and night temperature will be **25-26°C** for upcoming 5 days. Maximum and minimum relative humidity will be 81-92% and 44-51% 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	01/09/2023	02/09/2023	03/09/2023	04/09/2023	05/09/2023
Rainfall (mm)	5	8	34	35	10
T-Max (°C)	36	35	35	34	34
T-Min (°C)	26	25	26	26	25
Cloud Cover (octa)	8	8	8	8	7
RH Max (%)	84	86	84	81	92
RH Min (%)	44	49	49	51	51
Wind Speed (Kmph)	4	6	4	5	6
Wind Direction (deg)	290	315	293	252	122

**Agromet Advisory**

**General advisory:** *Farmers should arrange drainage of excess water from vegetable and rice field. As relative humidity will likely to be above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially in upcoming 5 days*

**Kharif Rice:**

- The crop is at tillering to panicle development stage. Maintain about 2-3 cm standing water during tillering stage. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- 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.
- Anticipated wet spell is favorable for incidence of **Sheath blight** in rice. Go for foliar spray of Hexaconazole with Plantomycin @ 1.0 g/l to prevent the spread of the disease.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre
- Weekly Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

**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. Due to water logging condition stem rot may be found, then farmers should apply carbendazim @ 2g/ltr water.
- Dry weather followed by wet spell will lead to fall army worm infestation in maize. To control **fall armyworm** in maize erect 4 pheromone traps /acre and spray 5 ml of 1500ppm neem oil / 1 lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water.

**VEGETABLES:**

- Due to forecasted 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.
- Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

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



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**Debasish Jena**

**SMS (Agrometeorology)**

**Contact No-9861445080/7008453427**



**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
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**Bulletin No.-432**  
**Date- 01/09/2023**

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

The block received average 0mm & district received average 0.6mm rainfall during the last week. The mean daily maximum and minimum temperature was **35°C (+2.1°C from normal)** and **27°C (+2.3°C from normal)**, respectively. Mean relative humidity of the district was around 74-82%.

**Forecasted period: Today(8.30IST) to 06<sup>th</sup> September (8.30IST) 2023**

**Weather advisory:** *Light to moderate with isolated heavy rainfall is forecasted in between upcoming 5 days in the block.* The day temperature will be **34-36°C** and night temperature will be **26-28°C** for upcoming 5 days. Maximum and minimum relative humidity will be 78-86% and 44-49% 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	01/09/2023	02/09/2023	03/09/2023	04/09/2023	05/09/2023
Rainfall(mm)	4	10	26	20	10
T-Max(°C)	35	36	34	34	34
T-Min(°C)	28	27	27	26	27
Cloud Cover(octa)	8	8	8	7	5
RH Max (%)	78	86	81	83	84
RH Min (%)	44	45	48	49	49
Wind Speed(Kmph)	12	7	8	7	9
Wind Direction(deg)	212	206	203	79	116

**Agromet Advisory**

**General advisory:**

*Farmers should arrange drainage of excess water from vegetable and rice field. As relative humidity will likely to be above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially in upcoming 5 days*

**Kharif Rice:**

- The crop is at tillering to panicle development stage. Maintain about 2-3 cm standing water during tillering stage. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- 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.
- Anticipated wet spell is favorable for incidence of **Sheath blight** in rice. Go for foliar spray of Hexaconazole with Plantomycin @ 1.0 g/l to prevent the spread of the disease.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre
- Weekly Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

**Sugarcane:**

- Keep arrangement of Drainage of 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/ Difenoconazole 11.45SC @ 1ml per liter water in dry days.
- For early shoot borer Spray Chloropyriphos @ 400 ml/ac in 200 lts of water after cessation of rain.

**VEGETABLES:**

- Due to forecasted 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.
- Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Dr Sujata Sethy  
(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

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

The block received average 0.4mm & district received average 0.6mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C (+2.1°C from normal) and 27°C (+2.3°C from normal), respectively. Mean relative humidity of the district was around 74-82%.

**Forecasted period: Today (8.30IST) to 06<sup>th</sup> September (8.30IST) 2023**

**Weather advisory:** Light to moderate with isolated heavy rainfall is forecasted in between upcoming 5 days in the block. The day temperature will be 34-36°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-87% and 42-49% 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	01/09/2023	02/09/2023	03/09/2023	04/09/2023	05/09/2023
Rainfall (mm)	4	22	32	23	10
T-Max (°C)	35	36	34	34	34
T-Min (°C)	27	27	27	27	26
Cloud Cover (octa)	8	8	8	8	5
RH Max (%)	81	87	80	84	86
RH Min (%)	42	44	48	49	49
Wind Speed (Kmph)	10	8	7	6	8
Wind Direction (deg)	216	205	203	79	116

### Agromet Advisory

#### General advisory:

Farmers should arrange drainage of excess water from vegetable and rice field. As relative humidity will likely to be above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially in upcoming 5 days.

#### Kharif Rice:

- The crop is at tillering to panicle development stage. Maintain about 2-3 cm standing water during tillering stage. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- 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.
- Anticipated wet spell is favorable for incidence of Sheath blight in rice. Go for foliar spray of Hexaconazole with Plantomycin @ 1.0 g/l to prevent the spread of the disease.
- In Gall midge affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre
- Weekly Temperature below 28deg c and continuous rainfall lead to infestation of stem borer at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

#### Sugarcane:

- Keep arrangement of Drainage of 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 / Difenoconazole 11.45SC @ 1ml per liter water in dry days.
- For early shoot borer Spray Chloropyriphos @ 400 ml/ac in 200 lts of water after cessation of rain.

#### VEGETABLES:

- Due to forecasted 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.
- Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control Cercospora leaf spot.

Dr Sujata Sethy  
(Nodal officer)



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Bulletin No.-432  
Date- 01/09/2023

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

The block received average 0.6mm & district received average 0.6mm rainfall during the last week. The mean daily maximum and minimum temperature was **35°C (+2.1°C from normal)** and **27°C (+2.3°C from normal)**, respectively. Mean relative humidity of the district was around 74-82%.

**Forecasted period: Today(8.30IST) to 06<sup>th</sup> September (8.30IST)2023**

**Weather advisory::** Light to moderate with isolated heavy rainfall is forecasted in between upcoming 5 days in the block. The day temperature will be 34-36°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-87% and 42-49% 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	01/09/2023	02/09/2023	03/09/2023	04/09/2023	05/09/2023
Rainfall(mm)	3	16	31	22	10
T-Max(°C)	35	36	34	34	34
T-Min(°C)	27	27	27	27	26
Cloud Cover(octa)	8	8	8	8	5
RH Max (%)	81	87	80	84	87
RH Min (%)	42	44	48	49	49
Wind Speed (Kmph)	9	8	7	6	8
Wind Direction (deg)	216	205	203	79	116

**Agromet Advisory**

**General advisory:** Farmers should arrange drainage of excess water from vegetable and rice field. As relative humidity will likely to be above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially in upcoming 5 days.

**Kharif Rice:**

- The crop is at tillering to panicle development stage. Maintain about 2-3 cm standing water during tillering stage. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- 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.
- Anticipated wet spell is favorable for incidence of **Sheath blight** in rice. Go for foliar spray of Hexaconazole with Plantomycin @ 1.0 g/l to prevent the spread of the disease.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre.
- Weekly Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

**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 granules @ 14 kg/acre.
- High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb 300 g/ac. Due to water logging condition stem rot may be found, then farmers should apply carbendazim @ 2g/ltr water.
- Dry weather followed by wet spell will lead to fall army worm infestation in maize. To control **fall armyworm** in maize erect 4 pheromone traps /acre and spray 5 ml of 1500ppm neem oil / 1 lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water.

**VEGETABLES:**

- Due to forecasted 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.
- Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Dr Sujata Sethy  
(Nodal officer)



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

(A Unit of ICAR-National Rice Research Institute)

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Bulletin No.-432

Date- 01/09/2023

## AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 03mm& district received average 0.6mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C (+2.1°C from normal) and 27°C (+2.3°C from normal), respectively. Mean relative humidity of the district was around 74-82%.

### Forecasted period: Today(8.30IST) to 06<sup>th</sup> September (8.30IST)2023

**Weather advisory:** Light to moderate with isolated heavy rainfall is forecasted in between upcoming 5 days in the block. The day temperature will be 34-37°C and night temperature will be 28-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-87% and 49-57% 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	01/09/2023	02/09/2023	03/09/2023	04/09/2023	05/09/2023
Rainfall(mm)	6	20	32	27	10
T-Max(°C)	36	37	35	35	34
T-Min(°C)	29	28	29	29	29
Cloud Cover(octa)	8	7	8	6	5
RH Max (%)	79	87	83	82	83
RH Min (%)	49	51	55	54	57
Wind Speed (Kmph)	15	12	9	8	9
Wind Direction (deg)	225	214	203	152	122

### Agromet Advisory

**General advisory:** Farmers should arrange drainage of excess water from vegetable and rice field. As relative humidity will likely to be above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially in upcoming 5 days

#### Kharif Rice:

- The crop is at tillering to panicle development stage. Maintain about 2-3 cm standing water during tillering stage. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- 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.
- Anticipated wet spell is favorable for incidence of Sheath blight in rice. Go for foliar spray of Hexaconazole with Plantomycin @ 1.0 g/l to prevent the spread of the disease.
- In Gall midge affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre
- Weekly Temperature below 28deg c and continuous rainfall lead to infestation of stem borer at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

#### 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 granules @ 14 kg/acre.
- High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of leaf blight in Maize. To control spray Azoxystrobin + Mancozeb 300 g /ac. Due to water logging condition stem rot may be found, then farmers should apply carbendazim @ 2g/ltr water.
- Dry weather followed by wet spell will lead to fall army worm infestation in maize. To control fall armyworm in maize erect 4 pheromone traps /acre and spray 5 ml of 1500ppm neem oil / 1 lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water.

#### VEGETABLES:

- Due to forecasted 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.
- Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control Cercospora leaf spot.

Dr Sujata Sethy  
(Nodal officer)



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Debasish Jena

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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.-432

Date- 01/09/2023

## 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 0.6mm rainfall during the last week. The mean daily maximum and minimum temperature was **35°C (+2.1°C from normal)** and **27°C (+2.3°C from normal)**, respectively. Mean relative humidity of the district was around 74-82%.

### Forecasted period: Today(8.30IST) to 06<sup>th</sup> September (8.30IST)2023

**Weather advisory:** Light to moderate with isolated heavy rainfall is forecasted in between upcoming 5 days in the block. The day temperature will be **34-36°C** and night temperature will be **25-27°C** for upcoming 5 days. Maximum and minimum relative humidity will be 83-91% and 44-55% 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	01/09/2023	02/09/2023	03/09/2023	04/09/2023	05/09/2023
Rainfall(mm)	7	10	33	31	10
T-Max(°C)	36	36	35	34	34
T-Min(°C)	27	27	27	26	25
Cloud Cover(octa)	8	8	8	8	6
RH Max (%)	79	83	84	86	91
RH Min (%)	44	49	49	51	55
Wind Speed (Kmph)	6	7	5	8	8
Wind Direction (deg)	248	326	342	124	124

### Agro met Advisory

**General advisory:** Farmers should arrange drainage of excess water from vegetable and rice field. As relative humidity will likely to be above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially in upcoming 5 days

#### Kharif Rice:

- The crop is at tillering to panicle development stage. Maintain about 2-3 cm standing water during tillering stage. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- 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.
- Anticipated wet spell is favorable for incidence of **Sheath blight** in rice. Go for foliar spray of Hexaconazole with Plantomycin @ 1.0 g/l to prevent the spread of the disease.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre
- Weekly Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

#### 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 granules @ 14 kg/acre.
- High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb 300 g /ac. Due to water logging condition stem rot may be found, then farmers should apply carbendazim @ 2g/ltr water.
- Dry weather followed by wet spell will lead to fall army worm infestation in maize. To control **fall armyworm** in maize erect 4 pheromone traps /acre and spray 5 ml of 1500ppm neem oil / 1 lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water.

#### VEGETABLES:

- Due to forecasted 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.
- Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

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

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- 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>	

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