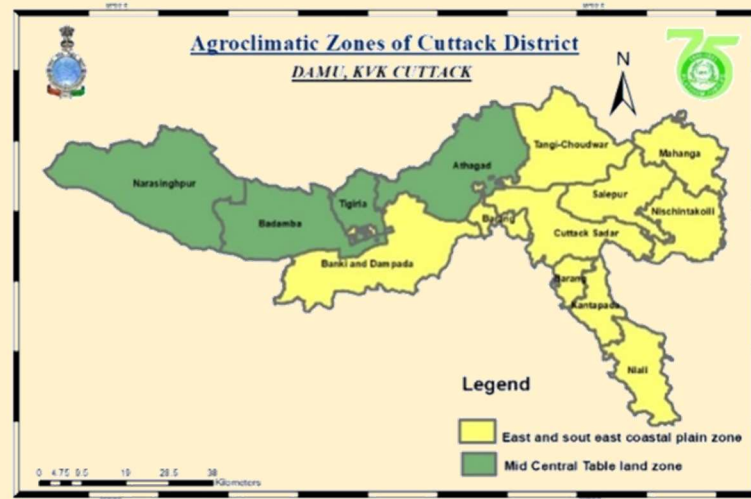




# *Cuttack District Block Wise Agro-met Advisory Service Bulletin*

*Tuesday, 23<sup>rd</sup> August, 2024  
 (For the period 23<sup>rd</sup> to 27<sup>th</sup> August,  
 2024)*



*Issued by  
 District Agro-met Unit,  
 KrishiVigyan Kendra Cuttack*





**STANDARD PRECIPITATION INDEX AND NDVI MAP**

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<div style="text-align: center;"> <p>MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CRS PUNE</p> <p>STANDARDIZED PRECIPITATION INDEX FOR THE PERIOD 18 JULY TO 14 AUGUST 2024</p> </div>	<div style="text-align: center;"> <p>NOAA/VIIIRS/BLENDED NDVI Composite ending on Week no 33 (12.08.2024 to 18.08.2024) over Agricultural region</p> <p><b>Odisha</b></p> </div> <p style="text-align: center;">Agriculture vigor is moderate at isolated places of the state.</p>
<p><i>As per SPI value (cumulative 4weeks -18 July to 14 August 2024), mildly wet condition was there in Cuttack district.</i></p>	<p><i>According to NDVI map (12.08.2024 to 18.08.2024) the agriculture vigor was light to moderate over Athagad, Badamba, banki, Dampada, Narasinghpur and Tigiria and very light to light over other blocks of Cuttack district.</i></p>

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

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



**DrRanjan Kumar Mohanta**  
(Nodal officer)

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**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.-523  
Date- 23/08/2024

Met Sub division	Extended range outlook for subsequent 1 week (6 <sup>th</sup> to 12 <sup>th</sup> days) (28 August to 03 September 2024) after 5 days				
	Parameter	Actual	Normal	Departure (%)	Category
Odisha	Rainfall (mm)	11.7	10.2	15.02	Normal
	Parameter	Actual	Normal	Anomaly	Category
	Maximum temperature (°C)	31.2	31.1	0.05	Normal
	Minimum temperature (°C)	24.4	24.2	0.26	Normal

**\*Agromet Advisory based upon subsequent week extended range forecast:-As there will be normal rainfall in the subsequent week (28 August to 03 September, 2024) after 5 days in Odisha condition, so farmers are advised to drainout excess water from paddy field and should maintain 5-10cm during transplanting/reproductive stage. Farmers may go for sowing of kharif vegetables before the subsequent week. 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). Farmers should pause irrigation, fertilizer/pesticide application, for next 5 days based upon rainfall forecast.**



**DrRanjan Kumar Mohanta**  
(Nodal officer)











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

Sl No	Crop	Stage and condition of the crop	Anticipated Disease and pest
1	Rice	Tillering	 <b>Blast</b>
			 <b>Sheath blight</b>
			 <b>Stem Borer</b>
			 <b>Gall midge</b>
			 <b>Sawarming caterpillar</b>
2	Sugarcane	Vegetative to Tillering	 <b>Red rot</b>
			 <b>Wilt</b>
			 <b>Early shoot borer</b>
3	Maize	5 week stage	 <b>Stem fly</b>
			 <b>Leaf blight</b>



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**Bulletin No.-523**  
**Date- 23/08/2024**

				<b>Stalk rot</b>
<b>3</b>	<b>Jute</b>	<b>30-50days</b>		<b>Stem rot</b>
				<b>Indigo caterpillar</b>
<b>4</b>	<b>Brinjal, tomoto, 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>6</b>	<b>okra</b>	<b>Fruting</b>		<b>cercospora leaf spot</b>
<b>7</b>	<b>Banana</b>			<b>Sigatoka</b>
<b>8</b>	<b>Papaya</b>			<b>Yellow mosaic virus</b>



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**KRISHI VIGYAN KENDRA CUTTACK**



(A Unit of ICAR-National Rice Research Institute)

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

Bulletin No.-523  
Date- 23/08/2024

**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

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

The block received average 09 mm and district received average 10 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.62°C (+0.82 from normal) and 24.78°C (+0.68 from normal), respectively. The mean relative humidity was 85-90%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup> August(8.30IST)2024**

**Weather advisory:** Moderate with isolated heavy rainfall is forecasted for tomorrow and moderate rainfall is forecasted for other 4 days in the block. The day temperature will be 31-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-90% and 56-68% 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)				
	23/08/2024	24/08/2024	25/08/2024	26/08/2024	27/08/2024
Rainfall (mm)	28	34	24	18	14
T-Max (°C)	31	33	31	31	32
T-Min (°C)	25	25	24	24	25
Cloud Cover (octa)	8	8	8	8	8
RH Max (%)	84	90	87	89	84
RH Min (%)	62	56	65	68	61
Wind Speed (kmph)	10	9	10	9	8
Wind Direction (deg)	216	238	225	259	287

**Agromet Advisory**

**General advisory:** Farmers should drain out excess water from vegetable and rice field. As relative humidity was 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 today to Sunday and resume it after.

**Kharif Rice:**

- The crop is at tillering 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.
- Intermittent dry and wet weather condition, is favorable 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 **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
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- Temperature below 28 deg 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/lt or Dimethoate @ 2ml/lt 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.

**VEGETABLES:**

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

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



Dr Ranjan Kumar Mohanta  
(Nodal officer)

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**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.-523  
Date- 23/08/2024

**AGROMET ADVISORY BULLETIN FOR BADAMBA**

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

The block received average 02 mm and district received average 10 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.62°C (+0.82 from normal) and 24.78°C (+0.68 from normal), respectively. The mean relative humidity was 85-90%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup> August(8.30IST)2024**

**Weather advisory:** Moderate with isolated heavy rainfall is forecasted for tomorrow and moderate rainfall is forecasted for other 4 days in the block. The day temperature will be 30-33°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-90% and 57-67% 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)				
	23/08/2024	24/08/2024	25/08/2024	26/08/2024	27/08/2024
Rainfall(mm)	26	33	22	19	15
T-Max(°C)	30	33	31	31	31
T-Min(°C)	24	24	23	23	24
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	84	90	87	89	85
RH Min (%)	65	57	62	67	61
Wind Speed (Kmph)	9	8	9	8	7
Wind Direction (deg)	216	238	225	259	279

**Agromet Advisory**

**General advisory:** Farmers should drain out excess water from vegetable and rice field. As relative humidity was 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 today to Sunday and resume it after.

**Kharif Rice:**

- The crop is at tillering 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.
- Intermittent dry and wet weather condition, is favorable 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 **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
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- 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/lt or Dimethoate @ 2ml/lt 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.

**VEGETABLES:**

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

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



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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.-523  
Date- 23/08/2024**

**AGROMET ADVISORY BULLETIN FOR BANKI**

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

**The district received average 10 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.62°C (+0.82 from normal) and 24.78°C (+0.68 from normal), respectively. The mean relative humidity was 85-90%.**

**Forecasted period: Today(8.30IST) to 28<sup>th</sup> August(8.30IST)2024**

**Weatheradvisory:: Moderate with isolated heavy rainfall is forecasted for tomorrow and moderate rainfall is forecasted for other 4days in the block. The day temperature will be 31-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-88% and 55-64% respectively. There will be partly cloudy to overcast sky for next 5days.**

Block	Banki(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	23/08/2024	24/08/2024	25/08/2024	26/08/2024	27/08/2024
Rainfall(mm)	27	34	23	18	14
T-Max(°C)	31	33	31	31	31
T-Min(°C)	25	24	24	24	25
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	83	88	85	88	84
RH Min (%)	63	55	61	64	60
Wind Speed (Kmph)	10	10	10	9	8
Wind Direction (deg)	216	238	225	259	279

**Agromet Advisory**

**General advisory:Famers should drain out excess water from vegetable and rice field. As relative humidity was 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 today to Sunday and resume it after.**

**Kharif Rice:**

- The crop is at tillering 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 at1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- Intermittent dry and wet weather condition, is favorable 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 **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
- If **swarming caterpillar** will be found after the rain water recedes,applyLambdacyhalothrin 5% EC @ 100 ml/acre.
- Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tilleringstageof rice, to control this applyAzadirachtin 0.15% EC @ 800 ml/acre orCartap 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.

**VEGETABLES:**

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.
- Foliar spraying of Trifloxystrobin25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. if grasses were cut in morning or evening time,it can be sun dried for about 30 minute before feeding.



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**KRISHI VIGYAN KENDRA CUTTACK**



(A Unit of ICAR-National Rice Research Institute)

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

Bulletin No.-523  
Date- 23/08/2024

**AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA**

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

The block received average 15 mm and district received average 10 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.62°C (+0.82 from normal) and 24.78°C (+0.68 from normal), respectively. The mean relative humidity was 85-90%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup> August(8.30IST)2024**

**Weather Advisory:** Moderate with isolated heavy rainfall is forecasted for tomorrow and moderate rainfall is forecasted for other 4 days in the block. The day temperature will be 31-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-88% and 55-64% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/08/2024	24/08/2024	25/08/2024	26/08/2024	27/08/2024
Rainfall(mm)	27	34	23	18	14
T-Max(°C)	31	33	31	31	32
T-Min(°C)	25	24	24	24	25
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	83	88	85	88	84
RH Min (%)	63	55	62	64	60
Wind Speed (Kmph)	10	10	10	9	8
Wind Direction (deg)	216	238	225	259	279

**Agromet Advisory**

**General advisory:** Farmers should drain out excess water from vegetable and rice field. As relative humidity was 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 today to Sunday and resume it after.

**Kharif Rice:**

- The crop is at tillering 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.
- Intermittent dry and wet weather condition, is favorable 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 **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
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- Temperature below 28 deg 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.

**VEGETABLES:**

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

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



**Dr Ranjan Kumar Mohanta**  
(Nodal officer)

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



(A Unit of ICAR-National Rice Research Institute)

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

Bulletin No.-523  
Date- 23/08/2024

**AGROMET ADVISORY BULLETIN FOR BARANGA**

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

The block received average 05 mm and district received average 10 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 32.62°C (+0.82 from normal) and 24.78°C (+0.68 from normal), respectively.** The mean relative humidity was 85-90%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup> August(8.30IST)2024**

**Weather advisory:** *Moderate with isolated heavy rainfall is forecasted for tomorrow and moderate rainfall is forecasted for other 4 days in the block.* The day temperature will be 30-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-87% and 53-64% 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	23/08/2024	24/08/2024	25/08/2024	26/08/2024	27/08/2024
Rainfall(mm)	25	32	24	16	12
T-Max(°C)	32	32	30	31	32
T-Min(°C)	25	25	25	24	25
Cloud Cover	8	8	8	8	8
RH Max (%)	80	86	87	86	84
RH Min (%)	56	53	64	57	58
Wind Speed (Kmph)	13	12	11	10	9
Wind Direction (deg)	216	238	212	259	283

**Agromet Advisory**

**General advisory:** *Farmers should drain out excess water from vegetable and rice field. As relative humidity was 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 today to Sunday and resume it after.*

**Kharif Rice:**

- The crop is at tillering 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.
- Intermittent dry and wet weather condition, is favorable 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 **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
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- 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.

**VEGETABLES:**

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

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



**Dr Ranjan Kumar Mohanta**  
(Nodal officer)

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



(A Unit of ICAR-National Rice Research Institute)

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

Bulletin No.-523  
Date- 23/08/2024

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

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

The block received average 05 mm and district received average 10 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.62°C (+0.82 from normal) and 24.78°C (+0.68 from normal), respectively. The mean relative humidity was 85-90%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup> August(8.30IST)2024**

**Weather advisory:** Moderate with isolated heavy rainfall is forecasted for tomorrow and moderate rainfall is forecasted for other 4 days in the block. The day temperature will be 30-32°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-88% and 53-65% 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)				
	23/08/2024	24/08/2024	25/08/2024	26/08/2024	27/08/2024
Rainfall(mm)	26	31	22	17	13
T-Max(°C)	32	32	30	31	32
T-Min(°C)	26	25	25	25	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	81	88	87	87	84
RH Min (%)	56	53	65	59	59
Wind Speed (Kmph)	13	11	11	10	9
Wind Direction (deg)	236	238	225	259	283

**Agromet Advisory**

**General advisory:**

Farmers should drain out excess water from vegetable and rice field. As relative humidity was 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 today to Sunday and resume it after.

**Kharif Rice:**

- The crop is at tillering 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.
- Intermittent dry and wet weather condition, is favorable 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 **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
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- 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:**

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

**VEGETABLES:**

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

**ANIMAL HUSBANDRY:**

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



**Dr Ranjan Kumar Mohanta**  
(Nodal officer)

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**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.-523  
Date- 23/08/2024

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

The block received average 20 mm and district received average 10 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.62°C (+0.82 from normal) and 24.78°C (+0.68 from normal), respectively. The mean relative humidity was 85-90%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup> August(8.30IST)2024**

**Weather advisory: Moderate with isolated heavy rainfall is forecasted for tomorrow and moderate rainfall is forecasted for other 4 days in the block.** The day temperature will be 30-32°C and night temperature will be 25°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-85% and 53-62% 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)				
	23/08/2024	24/08/2024	25/08/2024	26/08/2024	27/08/2024
Rainfall(mm)	26	32	22	15	13
T-Max(°C)	32	32	30	32	32
T-Min(°C)	25	25	25	25	25
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	80	84	85	85	85
RH Min (%)	60	53	62	56	57
Wind Speed (Kmph)	14	14	12	11	9
Wind Direction (deg)	212	238	212	259	283

**Agromet Advisory**

**General advisory:**

Farmers should drain out excess water from vegetable and rice field. As relative humidity was 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 today to Sunday and resume it after.

**Kharif Rice:**

- The crop is at tillering 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.
- Intermittent dry and wet weather condition, is favorable 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 **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
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- 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:**

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

**VEGETABLES:**

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

**ANIMAL HUSBANDRY:**

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



**Dr Ranjan Kumar Mohanta**  
(Nodal officer)

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**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.-523  
Date- 23/08/2024

**AGROMET ADVISORY BULLETIN FOR MAHANGA**

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

The block received average 19 mm and district received average 10 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.62°C (+0.82 from normal) and 24.78°C (+0.68 from normal), respectively. The mean relative humidity was 85-90%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup> August(8.30IST)2024**

**Weather advisory: Moderate with isolated heavy rainfall is forecasted for tomorrow and moderate rainfall is forecasted for other 4 days in the block.** The day temperature will be and it will be 30-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-88% and 54-65% 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)				
	23/08/2024	24/08/2024	25/08/2024	26/08/2024	27/08/2024
Rainfall(mm)	25	34	23	15	11
T-Max(°C)	32	33	30	32	32
T-Min(°C)	26	25	25	25	26
Cloud Cover(octal)	8	8	8	8	8
RH Max (%)	81	88	87	86	83
RH Min (%)	57	54	65	57	58
Wind Speed (Kmph)	15	13	13	11	11
Wind Direction (deg)	216	238	212	259	257

**Agromet Advisory**

**General advisory:**

Farmers should drain out excess water from vegetable and rice field. As relative humidity was 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 today to Thursday and resume it after.

**Kharif Rice:**

- The crop is at tillering 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.
- Intermittent dry and wet weather condition, is favorable 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 **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
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- 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:**

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

**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:**

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.

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

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



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**INDIA METEOROLOGICAL DEPARTMENT**  
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**KRISHI VIGYAN KENDRA CUTTACK**



(A Unit of ICAR-National Rice Research Institute)

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

Bulletin No.-523  
Date- 23/08/2024

**AGROMET ADVISORY BULLETIN FOR NARASINGHPUR**

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

The block received average 0.4 mm and district received average 10 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.62°C (+0.82 from normal) and 24.78°C (+0.68 from normal), respectively. The mean relative humidity was 85-90%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup> August(8.30IST)2024**

**Weather advisory: Moderate with isolated heavy rainfall is forecasted for tomorrow and moderate rainfall is forecasted for other 4 days in the block.** The day temperature will be 29-32°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-92% and 59-70% 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	23/08/2024	24/08/2024	25/08/2024	26/08/2024	27/08/2024
Rainfall(mm)	28	34	25	19	15
T-Max(°C)	29	32	30	30	31
T-Min(°C)	23	23	22	22	24
Cloud Cover(/octa)	8	8	8	7	8
RH Max (%)	88	92	89	90	87
RH Min (%)	70	59	61	64	60
Wind Speed (Kmph)	7	7	7	7	6
Wind Direction (deg)	216	245	225	259	279

**Agromet Advisory**

**General advisory:** Farmers should drain out excess water from vegetable and rice field. As relative humidity was 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 today to Sunday and resume it after.

**Kharif Rice:**

- The crop is at tillering 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.
- Intermittent dry and wet weather condition, is favorable 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 **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
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- Temperature below 28 deg 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.

**VEGETABLES:**

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

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



Dr Ranjan Kumar Mohanta  
(Nodal officer)

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



(A Unit of ICAR-National Rice Research Institute)  
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

Bulletin No.-523  
 Date- 23/08/2024

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

The block received average 10 mm and district received average 10 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 32.62°C (+0.82 from normal) and 24.78°C (+0.68 from normal), respectively.** The mean relative humidity was 85-90%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup> August(8.30IST)2024**

**Weather advisory: Moderate with isolated heavy rainfall is forecasted for tomorrow and moderate rainfall is forecasted for other 4 days in the block.** The day temperature will be 31-33°C and night temperature will be 25°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-84% and 54-63% 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)				
	23/08/2024	24/08/2024	25/08/2024	26/08/2024	27/08/2024
Rainfall(mm)	25	33	22	17	13
T-Max(°C)	31	33	31	32	32
T-Min(°C)	25	25	25	25	25
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	79	83	82	84	84
RH Min (%)	59	54	63	57	56
Wind Speed(Kmph)	16	17	14	12	10
Wind Direction(deg)	212	238	238	259	281

**Agromet Advisory**

**General advisory:**

**Famers should drain out excess water from vegetable and rice field. As relative humidity was 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 today to Sunday and resume it after.**

**Kharif Rice:**

- The crop is at tillering 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 at1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- Intermittent dry and wet weather condition, is favorable 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 **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
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- 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:**

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

**VEGETABLES:**

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

**ANIMAL HUSBANDRY:**

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. if grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



**DrRanjan Kumar Mohanta**  
 (Nodal officer)

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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.-523  
Date- 23/08/2024

**AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI**

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

The block received average 22 mm and district received average 10 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.62°C (+0.82 from normal) and 24.78°C (+0.68 from normal), respectively. The mean relative humidity was 85-90%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup> August(8.30IST)2024**

**Weather advisory:** Moderate with isolated heavy rainfall is forecasted for tomorrow and moderate rainfall is forecasted for other 4 days in the block. The day temperature will be 30-32°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-88% and 53-64% 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)				
	23/08/2024	24/08/2024	25/08/2024	26/08/2024	27/08/2024
Rainfall(mm)	23	33	22	15	12
T-Max(°C)	32	32	30	32	32
T-Min(°C)	25	25	25	25	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	82	88	87	85	84
RH Min (%)	57	53	64	56	58
Wind Speed (Kmph)	15	13	13	11	10
Wind Direction (deg)	216	238	225	259	283

**Agromet Advisory**

**General advisory:**

Farmers should drain out excess water from vegetable and rice field. As relative humidity was 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 today to Sunday and resume it after.

**Kharif Rice:**

- The crop is at tillering 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 at1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- Intermittent dry and wet weather condition, is favorable 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 **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
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- 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:**

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

**VEGETABLES:**

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

**ANIMAL HUSBANDRY:**

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



**Dr Ranjan Kumar Mohanta**  
(Nodal officer)

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**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.-523  
Date- 23/08/2024

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

The block received average 20 mm and district received average 10 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.62°C (+0.82 from normal) and 24.78°C (+0.68 from normal), respectively. The mean relative humidity was 85-90%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup> August(8.30IST)2024**

**Weather advisory: Moderate with isolated heavy rainfall is forecasted for tomorrow and moderate rainfall is forecasted for other 4 days in the block.** The day temperature will be 30-32°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-88% and 53-64% 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)				
	23/08/2024	24/08/2024	25/08/2024	26/08/2024	27/08/2024
Rainfall(mm)	23	33	22	15	12
T-Max(°C)	32	32	30	32	32
T-Min(°C)	26	25	25	25	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	82	88	87	86	85
RH Min (%)	57	53	64	56	58
Wind Speed (Kmph)	15	13	12	11	10
Wind Direction (deg)	216	238	212	259	283

**Agromet Advisory**

**General advisory:**

Famers should drain out excess water from vegetable and rice field. As relative humidity was 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 today to Thursday and resume it after.

**Kharif Rice:**

- The crop is at tillering 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 at1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- Intermittent dry and wet weather condition, is favorable 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 **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
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- 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:**

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

**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:**

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

**ANIMAL HUSBANDRY:**

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



**DrRanjan Kumar Mohanta**  
(Nodal officer)

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**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**



(A Unit of ICAR-National Rice Research Institute)

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

Bulletin No.-523  
Date- 23/08/2024

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

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

The block received average 11 mm and district received average 10 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.62°C (+0.82 from normal) and 24.78°C (+0.68 from normal), respectively. The mean relative humidity was 85-90%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup> August(8.30IST)2024**

**Weather advisory: Moderate with isolated heavy rainfall is forecasted for tomorrow and moderate rainfall is forecasted for other 4 days in the block.** The day temperature will be 32-34°C and night temperature will be 28°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-83% and 58-67% 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)				
	23/08/2024	24/08/2024	25/08/2024	26/08/2024	27/08/2024
Rainfall(mm)	24	34	23	18	14
T-Max(°C)	33	34	32	33	33
T-Min(°C)	28	28	28	28	28
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	79	83	82	81	82
RH Min (%)	67	61	66	60	58
Wind Speed (Kmph)	19	21	19	16	12
Wind Direction (deg)	225	238	243	248	270

**Agromet Advisory**

**General advisory:** Farmers should drain out excess water from vegetable and rice field. As relative humidity was 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 today to Sunday and resume it after.

**Kharif Rice:**

- The crop is at tillering 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.
- Intermittent dry and wet weather condition, is favorable 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 **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
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- 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.

**VEGETABLES:**

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

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



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(Nodal officer)

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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.-523  
Date- 23/08/2024**

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

The block received average 05 mm and district received average 10 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.62°C (+0.82 from normal) and 24.78°C (+0.68 from normal), respectively. The mean relative humidity was 85-90%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup> August(8.30IST)2024**

**Weatheradvisory: Moderate with isolated heavy rainfall is forecasted for tomorrow and moderate rainfall is forecasted for other 4 days in the block.** The day temperature will be 31-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-90% and 57-71% 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)				
	23/08/2024	24/08/2024	25/08/2024	26/08/2024	27/08/2024
Rainfall(mm)	25	34	24	19	14
T-Max(°C)	31	33	31	31	31
T-Min(°C)	25	24	24	24	25
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	85	90	87	90	84
RH Min (%)	64	57	64	71	62
Wind Speed (Kmph)	10	8	9	8	8
Wind Direction (deg)	216	238	225	259	287

**Agro met Advisory**

**General advisory: Farmers should drain out excess water from vegetable and rice field. As relative humidity was 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 today to Sunday and resume it after.**

**Kharif Rice:**

- The crop is at tillering 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.
- Intermittent dry and wet weather condition, is favorable 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 **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
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- 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.

**VEGETABLES:**

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

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



**DrRanjan Kumar Mohanta  
(Nodal officer)**

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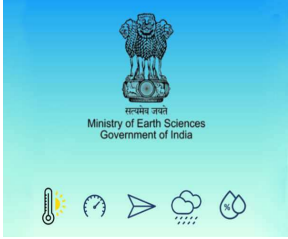
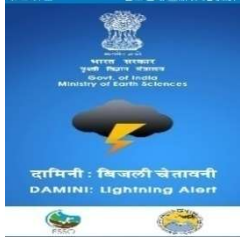


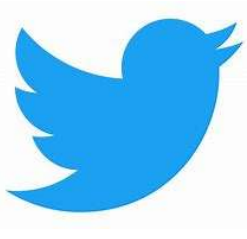





**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
(A Unit of ICAR-National Rice Research Institute)  
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



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

- Kindly install and use **“Meghdoot mobile App”** for Cuttack district weather forecast, warnings and weather based agromet advisory services.  
<https://play.google.com/store/apps/details?id=com.aas.meghdoot>
- Kindly install and use **“Damini mobile App”** for location specific for lightening forecast and warnings.  
<https://play.google.com/store/apps/details?id=com.lightening.live.damini>
- Follow the **block specific whats app groups** and join in your block wise groups for getting weather based agromet advisory services twice in a week (Tuesday and Friday) and other weather warning based farm management advisories.
- Follow the **Official Website links** to get the weather based agromet advisory service bulletins (**English & Odia**) twice in a week (Tuesday and Friday).

1	ICAR-NRRI, Cuttack, Odisha	<a href="https://icar-nrri.in/agromate/">https://icar-nrri.in/agromate/</a>	
2	Agrimet division, IMD, Pune	<a href="https://imdagrmet.gov.in/imdproject/AGIndex.php">https://imdagrmet.gov.in/imdproject/AGIndex.php</a>	



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