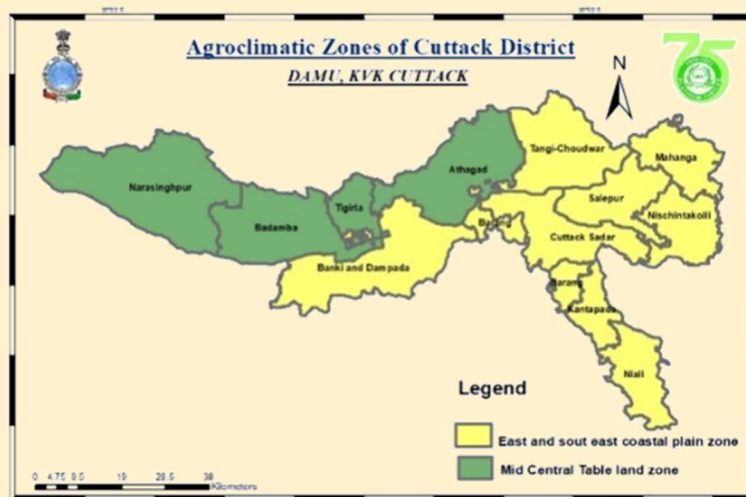




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Tuesday, 29th August, 2023
(For the period 29th August to 02nd
September, 2023)*



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





GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
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Bulletin No.-431
Date- 29/08/2023

STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p align="center">Standardised Precipitation Index for the period 13th July to 9th August 2023</p> <p align="center">As per SPI value (cumulative 4weeks -13 July to 9August 2023), Mildly wet condition was there in Cuttack district.</p>	<p align="center">NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 34 (20.08.2023 to 26.08.2023) over Agricultural region</p> <p align="center">Odisha</p> <p align="center">Agriculture vigour is moderate over few places of the state.</p> <p align="center">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.</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

Dr Sujata Sethy
(Nodal officer)



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Debasish Jena
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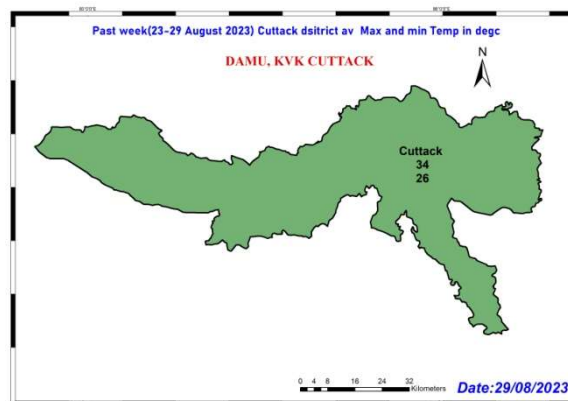
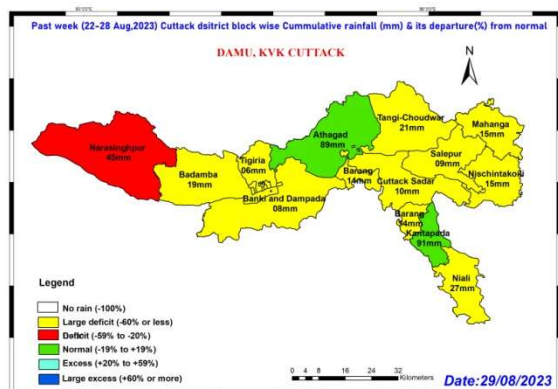


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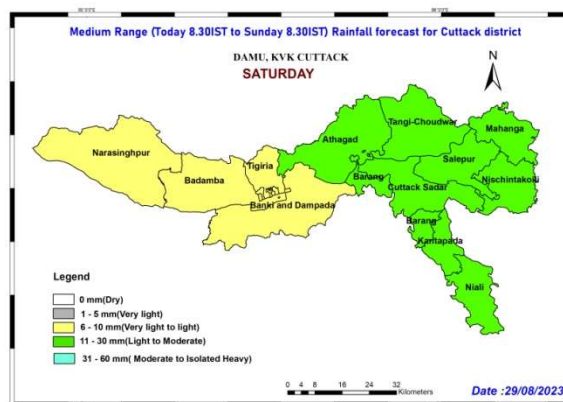
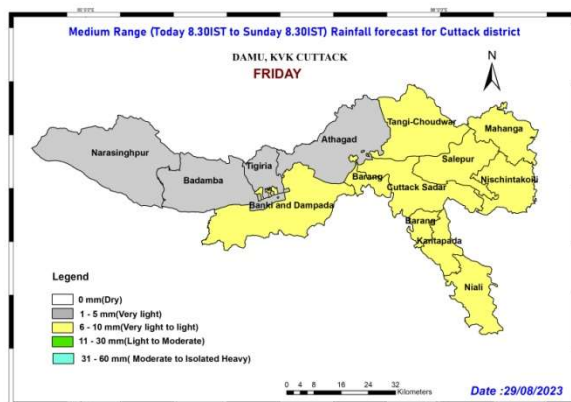
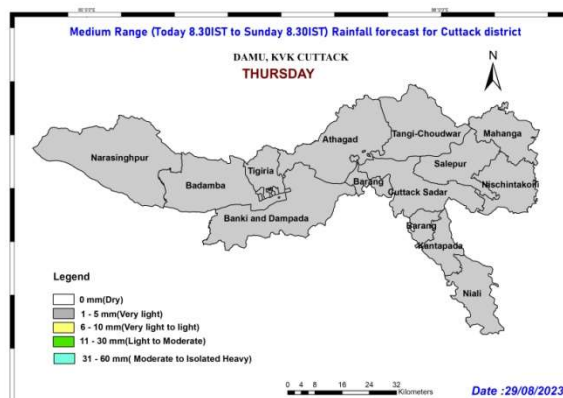
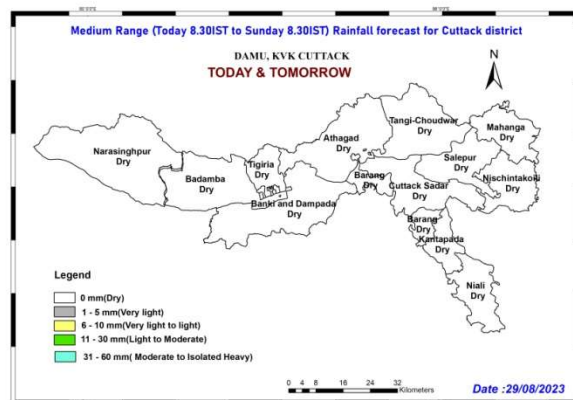


Bulletin No.-431
Date- 29/08/2023

Past week (22-28 August, 2023) cumulative rainfall(mm) & its departure% from normal and (23-29 August) average maximum and minimum temperature for Cuttack district



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



Dr Sujata Sethy
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Bulletin No.-431
Date- 29/08/2023

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (03-09 September 2023) after 5 days				
Odisha	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall (mm)	11.26	10.48	7.48	Normal
	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature (°C)	32.43	31.23	1.20	Normal
	Minimum temperature (°C)	25.08	24.10	0.98	Normal

***Agromet Advisory based upon subsequent week extended range forecast:-** There will be **normal rainfall in the subsequent week (03-09 September, 2023) after 5 days in Odisha condition**, but there will be dry weather likely to prevail for 1-2 days, so farmers are advised to strengthen paddy field bund to store 5-10cm of water depth during transplanting/reproductive stage. Farmers may go for sowing of kharif vegetables before the subsequent week. **Farmers should carry out, fertilizer/pesticide application; human labour engagement before the subsequent week (next 1-2 days from today) based upon rainfall forecast.**

Dr Sujata Sethy
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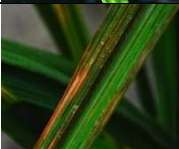











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Bulletin No.-431
Date- 29/08/2023

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

Sl No	Crop	Stage and condition of the crop	Anticipated Disease and pest	
1	Rice	Tillering		Blast
				Leaf streak
				Stem Borer
				Thrips
				Gall midge
2	Sugarcane	Vegetative to Tillering		Red rot
				Wilt
				Early shoot borer
3	Maize	5 week stage		Stem fly
				Leaf blight
				Stalk rot

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3	Jute	30-50days		Stem rot
				Indigo caterpillar
4	Brinjal, tomato, chilli	seedling		Damping off
				Stem rot
5	Tomato and brinjal			Mealy bug
				Mites
				Bacterial wilt
				White fly
				Jassid
6	okra	Fruting		cercospora leaf spot
7	Banana			Sigatoka
8	Papaya			Yellow mosaic virus

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Bulletin No.-431

Date- 29/08/2023

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 13mm & district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C (+1.2°C from normal) and 26°C (+1.8°C from normal) respectively. Mean relative humidity of the district was around 68-89%.

Forecasted period: Today (8.30 IST) to 03rd September (8.30 IST) 2023

Weather advisory: Dry weather is forecasted for today & tomorrow and very light to light rainfall is forecasted for Thursday and Friday and moderate rainfall is forecasted for Saturday in the block. The day temperature will be 35-37°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-81% and 37-47% 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	29/08/2023	30/08/2023	31/08/2023	01/09/2023	02/09/2023
Rainfall (mm)	0	0	5	5	11
T-Max (°C)	35	35	36	37	36
T-Min (°C)	26	27	27	27	28
Cloud Cover (octa)	4	7	6	6	8
RH Max (%)	62	65	70	81	76
RH Min (%)	38	37	38	39	47
Wind Speed (kmph)	9	7	7	9	7
Wind Direction (deg)	324	300	216	207	203

Agromet Advisory

General advisory: Farmers should strengthen their field bund to conserve water table in rice field. In dry condition during vegetative to reproductive stage, farmers may go for application of Boron 2kg/ha to improve yield and to minimize the stress. They may go for sowing, fertilizer, pesticide application, intercultural operations & human labour engagement in upcoming 3 days based upon rainfall forecast.

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.
- 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
- 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.
- Due to forecasted slight increase in temperature there may be increase in infestation of thrips, to control this Spray Lambda-cyhalothrin 5% EC @ 2 ml/ litre water or Thiamethoxam 25% WG @ 5g/ 15 litre water.
- Due to slight increase temperature and high humidity there will be chances of infestation of bacterial leaf streak, to control apply Plantomycin @ 1 g/litre along with Copper oxychloride @ 1g/litre of water using 200 litre of water per acre.

Maize: In dry days apply booster dose of fertilizer.

- Weeds may be controlled after rainfall.
- Stem fly in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G 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.

VEGETABLES:

Anticipation of decrease in rainfall or less cloudy weather lead to infestation of Mealy bug and mites in vegetables. Take up spraying of profenophos 50% EC @ 400ml/ac against mealy bug and propargite 57%EC/ fenazaquin 10%EC / Fenpyroximate 5% EC @ 400ml/ac against mites which are more prevalent in dry weather.

- 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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-431
Date- 29/08/2023

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 3mm& district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was **34°C (+1.2°C from normal)** and **26°C (+1.8°C from normal)** respectively. Mean relative humidity of the district was around 68-89%.

Forecasted period: Today(8.30IST) to 03rd September (8.30IST)2023

Weather advisory: Dry weather is forecasted for today & tomorrow and very light to light rainfall is forecasted for Thursday to Saturday in the block. The day temperature will be 35-37°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-81% and 38-45% 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	29/08/2023	30/08/2023	31/08/2023	01/09/2023	02/09/2023
Rainfall(mm)	0	0	5	5	10
T-Max(°C)	35	35	36	37	36
T-Min(°C)	25	26	26	27	28
Cloud Cover(octa)	4	7	6	6	8
RH Max (%)	65	67	70	81	76
RH Min (%)	38	38	39	39	45
Wind Speed (Kmph)	9	6	7	8	6
Wind Direction (deg)	302	326	210	212	296

Agromet Advisory

General advisory: Farmers should strengthen their field bund to conserve water table in rice field. In dry condition during vegetative to reproductive stage, farmers may go for application of Boron 2kg/ha to improve yield and to minimize the stress. They may go for sowing, fertilizer, pesticide application, intercultural operations & human labour engagement in upcoming 3 days based upon rainfall forecast.

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.
- 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
- 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.
- Due to forecasted slight increase in temperature there may be increase in infestation of **thrips**, to control this Spray Lambda-cyhalothrin 5% EC @ 2 ml/ litre water or Thiamethoxam 25% WG @ 5g/ 15 litre water.
- Due to slight increase temperature and high humidity there will be chances of infestation of **bacterial leaf streak**, to control apply Plantomycin @ 1 g/litre along with Copper oxychloride @ 1g/litre of water using 200 litre of water per acre.

Maize:

- In dry days apply booster dose of fertilizer.
- Weeds may be controlled after rainfall.
- Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre.
- High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb 300 g /ac. Due to water logging condition stem rot may be found, then farmers should apply carbendazim @ 2g/ltr water.

VEGETABLES:

Anticipation of decrease in rainfall or less cloudy weather lead to infestation of **Mealy bug** and **mites** in vegetables. Take up spraying of profenophos 50% EC @ 400ml/ac against mealy bug and propargite 57%EC/ fenazaquin 10%EC / Fenpyroximate 5% EC @ 400ml/ac against mites which are more prevalent in dry weather.

- 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**.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-431
Date- 29/08/2023

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was **34°C (+1.2°C from normal)** and **26°C (+1.8°C from normal)**, respectively. Mean relative humidity of the district was around 68-89%.

Forecasted period: Today(8.30IST) to 03rd September (8.30IST)2023

Weather advisory: Dry weather is forecasted for today & tomorrow and very light to light rainfall is forecasted for Thursday to Saturday in the block. The day temperature will be 35-37°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-80% and 37-45% 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	29/08/2023	30/08/2023	31/08/2023	01/09/2023	02/09/2023
Rainfall(mm)	0	0	5	6	10
T-Max(°C)	35	35	35	37	35
T-Min(°C)	26	26	26	27	28
Cloud Cover(octa)	4	7	6	6	8
RH Max (%)	62	66	70	80	75
RH Min (%)	37	38	38	39	45
Wind Speed (Kmph)	9	7	8	10	8
Wind Direction (deg)	324	326	216	207	203

Agromet Advisory

General advisory: Farmers should strengthen their field bund to conserve water table in rice field. In dry condition during vegetative to reproductive stage, farmers may go for application of Boron 2kg/ha to improve yield and to minimize the stress. They may go for sowing, fertilizer, pesticide application, intercultural operations & human labour engagement in upcoming 3 days based upon rainfall forecast.

Kharif Rice:

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Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-431

Date- 29/08/2023

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 1mm& district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was **34°C (+1.2°C from normal)** and **26°C (+1.8°C from normal)** respectively. Mean relative humidity of the district was around 68-89%.

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Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/08/2023	30/08/2023	31/08/2023	01/09/2023	02/09/2023
Rainfall(mm)	0	0	5	7	10
T-Max(°C)	35	35	36	37	35
T-Min(°C)	26	26	27	27	28
Cloud Cover(octa)	4	7	6	6	8
RH Max (%)	62	66	70	80	75
RH Min (%)	37	38	38	39	45
Wind Speed (Kmph)	9	7	8	10	8
Wind Direction (deg)	324	326	216	207	203

Agromet Advisory

General advisory: Farmers should strengthen their field bund to conserve water table in rice field. In dry condition during vegetative to reproductive stage, farmers may go for application of Boron 2kg/ha to improve yield and to minimize the stress. They may go for sowing, fertilizer, pesticide application, intercultural operations & human labour engagement in upcoming 3 days based upon rainfall forecast.

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.
- 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
- 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.
- Due to forecasted slight increase in temperature there may be increase in infestation of **thrips**, to control this Spray Lambda-cyhalothrin 5% EC @ 2 ml/ litre water or Thiamethoxam 25% WG @ 5g/ 15 litre water.
- Due to slight increase temperature and high humidity there will be chances of infestation of **bacterial leaf streak**, to control apply Plantomycin @ 1 g/litre along with Copper oxychloride @ 1g/litre of water using 200 litre of water per acre.

Maize:

- In dry days apply booster dose of fertilizer.
- Weeds may be controlled after rainfall.
- Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre.
- High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb 300 g /ac. Due to water logging condition stem rot may be found, then farmers should apply carbendazim @ 2g/ltr water.

VEGETABLES:

Anticipation of decrease in rainfall or less cloudy weather lead to infestation of **Mealy bug** and **mites** in vegetables. Take up spraying of profenophos 50% EC @ 400ml/ac against mealy bug and propargite 57%EC/ fenazaquin 10%EC / Fenpyroximate 5% EC @ 400ml/ac against mites which are more prevalent in dry weather.

- 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**.

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.-431
Date- 29/08/2023

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 2mm& district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was **34°C (+1.2°C from normal)** and **26°C (+1.8°C from normal)**, respectively. Mean relative humidity of the district was around 68-89%.

Forecasted period: Today(8.30IST) to 03rd September (8.30IST)2023

Weather advisory: Dry weather is forecasted for today & tomorrow and very light to light rainfall is forecasted for Thursday and Friday and moderate rainfall is forecasted for Saturday in the block. The day temperature will be 35-36°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-79% and 36-46% 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	29/08/2023	30/08/2023	31/08/2023	01/09/2023	02/09/2023
Rainfall(mm)	0	0	5	7	11
T-Max(°C)	35	35	35	36	35
T-Min(°C)	27	27	27	28	28
Cloud Cover	5	8	6	6	8
RH Max (%)	65	67	70	79	78
RH Min (%)	37	36	37	40	46
Wind Speed (Kmph)	9	8	10	13	10
Wind Direction (deg)	334	203	205	207	210

Agromet Advisory

General advisory: Farmers should strengthen their field bund to conserve water table in rice field. In dry condition during vegetative to reproductive stage, farmers may go for application of Boron 2kg/ha to improve yield and to minimize the stress. They may go for sowing, fertilizer, pesticide application, intercultural operations & human labour engagement in upcoming 3 days based upon rainfall forecast.

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.
- 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
- 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.
- Due to forecasted slight increase in temperature there may be increase in infestation of **thrips**, to control this Spray Lambda-cyhalothrin 5% EC @ 2 ml/ litre water or Thiamethoxam 25% WG @ 5g/ 15 litre water.
- Due to slight increase temperature and high humidity there will be chances of infestation of **bacterial leaf streak**, to control apply Plantomycin @ 1 g/litre along with Copper oxychloride @ 1g/litre of water using 200 litre of water per acre.

Maize:

- In dry days apply booster dose of fertilizer.
- Weeds may be controlled after rainfall.
- Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G 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.

VEGETABLES:

Anticipation of decrease in rainfall or less cloudy weather lead to infestation of **Mealy bug** and **mites** in vegetables. Take up spraying of profenophos 50% EC @ 400ml/ac against mealy bug and propargite 57%EC/ fenazaquin 10%EC / Fenpyroximate 5% EC @ 400ml/ac against mites which are more prevalent in dry weather.

- 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**.

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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AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR



Bulletin No.-431

Date- 29/08/2023

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

The block received average 2mm& district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was **34°C (+1.2°C from normal)** and **26°C (+1.8°C from normal)** respectively. Mean relative humidity of the district was around 68-89%.

Forecasted period: Today(8.30IST) to 03rd September (8.30IST)2023

Weather advisory: Dry weather is forecasted for today & tomorrow and very light to light rainfall is forecasted for Thursday and Friday and moderate rainfall is forecasted for Saturday in the block. The day temperature will be 35-36°C and night temperature will be 27-28°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	29/08/2023	30/08/2023	31/08/2023	01/09/2023	02/09/2023
Rainfall(mm)	0	0	5	7	15
T-Max(°C)	35	36	36	36	35
T-Min(°C)	27	27	27	28	28
Cloud Cover(octa)	4	8	7	6	8
RH Max (%)	63	66	70	78	78
RH Min (%)	37	35	37	40	47
Wind Speed (Kmph)	9	8	9	12	9
Wind Direction (deg)	315	206	208	207	214

Agromet Advisory

General advisory: Farmers should strengthen their field bund to conserve water table in rice field. In dry condition during vegetative to reproductive stage, farmers may go for application of Boron 2kg/ha to improve yield and to minimize the stress. They may go for sowing, fertilizer, pesticide application, intercultural operations & human labour engagement in upcoming 3 days based upon rainfall forecast.

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.
- 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
- 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.
- Due to forecasted slight increase in temperature there may be increase in infestation of **thrips**, to control this Spray Lambda-cyhalothrin 5% EC @ 2 ml/ litre water or Thiamethoxam 25% WG @ 5g/ 15 litre water.
- Due to slight increase temperature and high humidity there will be chances of infestation of **bacterial leaf streak**, to control apply Plantomycin @ 1 g/litre along with Copper oxychloride @ 1g/litre of water using 200 litre of water per acre.

Sugarcane: The water requirement of this crop is highest at tillering and grand growth stage. Tillering requires 500-550mm water/7-12 Irrigation and grand growth stage requires 1000mm water/7-15 irrigation based on type of soil. As now break monsoon condition is prevailed over India & if their crop is at tillering(45-120days) or grand growth stage(120-270days), farmers should go for irrigation practices based upon rainfall forecast. Water stress particularly in GGS reduces inter nodal length

- 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: Anticipation of decrease in rainfall or less cloudy weather lead to infestation of **Mealy bug** and **mites** in vegetables. Take up spraying of profenophos 50% EC @ 400ml/ac against mealy bug and propargite 57%EC/ fenazaquin 10%EC / Fenpyroximate 5% EC @ 400ml/ac against mites which are more prevalent in dry weather.

- 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**.

Dr Sujata Sethy
(Nodal officer)



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Debasish Jena

SMS (Agrometeorology)

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AGROMET ADVISORY BULLETIN FOR KANTAPADA



Bulletin No.-431

Date- 29/08/2023

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

The block received average 13mm& district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C (+1.2°C from normal) and 26°C (+1.8°C from normal) respectively. Mean relative humidity of the district was around 68-89%.

Forecasted period: Today(8.30IST) to 03rd September (8.30IST)2023

Weather advisory: Dry weather is forecasted for today & tomorrow and very light to light rainfall is forecasted for Thursday and Friday and moderate rainfall is forecasted for Saturday in the block. The day temperature will be 34-36°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-81% and 37-46% 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	29/08/2023	30/08/2023	31/08/2023	01/09/2023	02/09/2023
Rainfall(mm)	0	0	5	7	13
T-Max(°C)	34	35	36	36	34
T-Min(°C)	27	27	27	28	28
Cloud Cover(octa)	5	7	6	6	7
RH Max (%)	70	70	73	79	81
RH Min (%)	39	37	37	41	46
Wind Speed (Kmph)	10	8	11	15	11
Wind Direction (deg)	333	225	203	204	210

Agromet Advisory

General advisory: Farmers should strengthen their field bund to conserve water table in rice field. In dry condition during vegetative to reproductive stage, farmers may go for application of Boron 2kg/ha to improve yield and to minimize the stress. They may go for sowing, fertilizer, pesticide application, intercultural operations & human labour engagement in upcoming 3 days based upon rainfall forecast.

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.
- 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
- 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.
- Due to forecasted slight increase in temperature there may be increase in infestation of thrips, to control this Spray Lambda-cyhalothrin 5% EC @ 2 ml/ litre water or Thiamethoxam 25% WG @ 5g/ 15 litre water.
- Due to slight increase temperature and high humidity there will be chances of infestation of bacterial leaf streak, to control apply Plantomycin @ 1 g/litre along with Copper oxychloride @ 1g/litre of water using 200 litre of water per acre.

Sugarcane: The water requirement of this crop is highest at tillering and grand growth stage. Tillering requires 500-550mm water/7-12 Irrigation and grand growth stage requires 1000mm water/7-15 irrigation based on type of soil. As now break monsoon condition is prevailed over India & if their crop is at tillering(45-120days) or grand growth stage(120-270days), farmers should go for irrigation practices based upon rainfall forecast. Water stress particularly in GGS reduces inter nodal length

- 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: Anticipation of decrease in rainfall or less cloudy weather lead to infestation of Mealy bug and mites in vegetables. Take up spraying of profenophos 50% EC @ 400ml/ac against mealy bug and propargite 57%EC/ fenazaquin 10%EC / Fenpyroximate 5% EC @ 400ml/ac against mites which are more prevalent in dry weather.

- 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.

Dr Sujata Sathy
(Nodal officer)



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Debasish Jena

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AGROMET ADVISORY BULLETIN FOR MAHANGA



Bulletin No.-431

Date- 29/08/2023

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

The block received average 2mm& district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was **34°C (+1.2°C from normal)** and **26°C (+1.8°C from normal)** respectively. Mean relative humidity of the district was around 68-89%.

Forecasted period: Today(8.30IST) to 03rd September (8.30IST)2023

Weather advisory:: Dry weather is forecasted for today & tomorrow and very light to light rainfall is forecasted for Thursday and Friday and moderate rainfall is forecasted for Saturday in the block. The day temperature will be and it will be **34-36°C** and night temperature will be **27-28°C** for upcoming 5 days. Maximum and minimum relative humidity will 68-83% and 37-49% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/08/2023	30/08/2023	31/08/2023	01/09/2023	02/09/2023
Rainfall(mm)	0	0	5	7	13
T-Max(°C)	34	36	36	36	35
T-Min(°C)	27	27	27	28	27
Cloud Cover(octal)	5	7	7	6	8
RH Max (%)	70	68	73	78	83
RH Min (%)	41	37	38	40	49
Wind Speed (Kmph)	9	9	10	14	12
Wind Direction (deg)	293	180	203	207	210

Agro-met Advisory

General advisory: Farmers should strengthen their field bund to conserve water table in rice field. In dry condition during vegetative to reproductive stage, farmers may go for application of Boron 2kg/ha to improve yield and to minimize the stress. They may go for sowing, fertilizer, pesticide application, intercultural operations & human labour engagement in upcoming 3days based upon rainfall forecast.

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.
- 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
- 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.
- Due to forecasted slight increase in temperature there may be increase in infestation of **thrips**, to control this Spray Lambda-cyhalothrin 5% EC @ 2 ml/ litre water or Thiamethoxam 25% WG @ 5g/ 15 litre water.
- Due to slight increase temperature and high humidity there will be chances of infestation of **bacterial leaf streak**, to control apply Plantomycin @ 1 g/litre along with Copper oxychloride @ 1g/litre of water using 200 litre of water per acre.

Sugarcane: The water requirement of this crop is highest at tillering and grand growth stage. Tillering requires 500-550mm water/7-12 Irrigation and grand growth stage requires 1000mm water/7-15 irrigation based on type of soil. As now break monsoon condition is prevailed over India & if their crop is at tillering(45-120days) or grand growth stage(120-270days), farmers should go for irrigation practices based upon rainfall forecast. Water stress particularly in GGS reduces inter nodal length

- 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: Anticipation of decrease in rainfall or less cloudy weather lead to infestation of **Mealy bug** and **mites** in vegetables. Take up spraying of profenophos 50% EC @ 400ml/ac against mealy bug and propargite 57%EC/ fenazaquin 10%EC / Fenpyroximate 5% EC @ 400ml/ac against mites which are more prevalent in dry weather.

- 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**.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-431

Date- 29/08/2023

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 6mm& district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 34°C (+1.2°C from normal) and 26°C (+1.8°C from normal) respectively. Mean relative humidity of the district was around 68-89%.

Forecasted period: Today(8.30IST) to 03rd September (8.30IST)2023

Weather advisory: Dry weather is forecasted for today & tomorrow and very light to light rainfall is forecasted for Thursday to Saturday in the block. The day temperature will be 34-38°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-82% and 35-42% 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	29/08/2023	30/08/2023	31/08/2023	01/09/2023	02/09/2023
Rainfall(mm)	0	0	5	7	10
T-Max(°C)	34	36	36	38	36
T-Min(°C)	25	26	26	26	27
Cloud Cover(octa)	3	6	6	7	8
RH Max (%)	69	67	71	82	79
RH Min (%)	39	37	37	35	42
Wind Speed (Kmph)	8	4	5	5	5
Wind Direction (deg)	294	293	199	225	293

Agromet Advisory

General advisory: Farmers should strengthen their field bund to conserve water table in rice field. In dry condition during vegetative to reproductive stage, farmers may go for application of Boron 2kg/ha to improve yield and to minimize the stress. They may go for sowing, fertilizer, pesticide application, intercultural operations & human labour engagement in upcoming 3 days based upon rainfall forecast.

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.
- 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
- 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.
- Due to forecasted slight increase in temperature there may be increase in infestation of thrips, to control this Spray Lambda-cyhalothrin 5% EC @ 2 ml/ litre water or Thiamethoxam 25% WG @ 5g/ 15 litre water.
- Due to slight increase temperature and high humidity there will be chances of infestation of bacterial leaf streak, to control apply Plantomycin @ 1 g/litre along with Copper oxychloride @ 1g/litre of water using 200 litre of water per acre.

Maize:

- In dry days apply booster dose of fertilizer.
- Weeds may be controlled after rainfall.
- Stem fly in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G 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.

VEGETABLES:

Anticipation of decrease in rainfall or less cloudy weather lead to infestation of Mealy bug and mites in vegetables. Take up spraying of profenophos 50% EC @ 400ml/ac against mealy bug and propargite 57%EC/ fenazaquin 10%EC / Fenpyroximate 5% EC @ 400ml/ac against mites which are more prevalent in dry weather.

- 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.

Dr Sujata Sethy
(Nodal officer)



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DISTRICT AGROMET UNIT
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Bulletin No.-431
Date- 29/08/2023

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 4mm& district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was **34°C (+1.2°C from normal)** and **26°C (+1.8°C from normal)** respectively. Mean relative humidity of the district was around 68-89%.

Forecasted period: Today(8.30IST) to 03rd September (8.30IST)2023

Weather advisory: Dry weather is forecasted for today & tomorrow and very light to light rainfall is forecasted for Thursday and Friday and moderate rainfall is forecasted for Saturday 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 71-79% and 37-47% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/08/2023	30/08/2023	31/08/2023	01/09/2023	02/09/2023
Rainfall(mm)	0	0	5	7	14
T-Max(°C)	34	35	36	35	34
T-Min(°C)	26	27	27	28	28
Cloud Cover(octa)	5	7	6	6	7
RH Max (%)	72	71	75	79	79
RH Min (%)	40	37	37	42	47
Wind Speed(Kmph)	11	9	12	16	12
Wind Direction(deg)	203	236	203	204	205

Agromet Advisory

General advisory: Farmers should strengthen their field bund to conserve water table in rice field. In dry condition during vegetative to reproductive stage, farmers may go for application of Boron 2kg/ha to improve yield and to minimize the stress. They may go for sowing, fertilizer, pesticide application, intercultural operations & human labour engagement in upcoming 3days based upon rainfall forecast.

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.
- 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
- 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.
- Due to forecasted slight increase in temperature there may be increase in infestation of **thrips**, to control this Spray Lambda-cyhalothrin 5% EC @ 2 ml/ litre water or Thiamethoxam 25% WG @ 5g/ 15 litre water.
- Due to slight increase temperature and high humidity there will be chances of infestation of **bacterial leaf streak**, to control apply Plantomycin @ 1 g/litre along with Copper oxychloride @ 1g/litre of water using 200 litre of water per acre.

Sugarcane: The water requirement of this crop is highest at tillering and grand growth stage. Tillering requires 500-550mm water/7-12 Irrigation and grand growth stage requires 1000mm water/7-15 irrigation based on type of soil. As now break monsoon condition is prevailed over India & if their crop is at tillering(45-120days) or grand growth stage(120-270days), farmers should go for irrigation practices based upon rainfall forecast. Water stress particularly in GGS reduces inter nodal length

- 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: Anticipation of decrease in rainfall or less cloudy weather lead to infestation of **Mealy bug** and **mites** in vegetables. Take up spraying of profenophos 50% EC @ 400ml/ac against mealy bug and propargite 57%EC/ fenazaquin 10%EC / Fenpyroximate 5% EC @ 400ml/ac against mites which are more prevalent in dry weather.

- 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**.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-431

Date- 29/08/2023

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 2mm& district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was **34°C (+1.2°C from normal)** and **26°C (+1.8°C from normal)** respectively. Mean relative humidity of the district was around 68-89%.

Forecasted period: Today(8.30IST) to 03rd September (8.30IST)2023

Weather advisory: Dry weather is forecasted for today & tomorrow and very light to light rainfall is forecasted for Thursday and Friday and moderate rainfall is forecasted for Saturday in the block. The day temperature will be **34-36°C** and night temperature will be **27-28°C** for upcoming 5 days. Maximum and minimum relative humidity will be **69-83%** and **37-48%** 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	29/08/2023	30/08/2023	31/08/2023	01/09/2023	02/09/2023
Rainfall(mm)	0	0	5	7	14
T-Max(°C)	34	35	36	36	35
T-Min(°C)	27	27	27	28	27
Cloud Cover(octa)	5	7	7	6	8
RH Max (%)	71	69	73	78	83
RH Min (%)	41	37	38	40	48
Wind Speed (Kmph)	10	9	11	14	12
Wind Direction (deg)	165	180	200	207	210

Agromet Advisory

General advisory: Farmers should strengthen their field bund to conserve water table in rice field. In dry condition during vegetative to reproductive stage, farmers may go for application of Boron 2kg/ha to improve yield and to minimize the stress. They may go for sowing, fertilizer, pesticide application, intercultural operations & human labour engagement in upcoming 3 days based upon rainfall forecast.

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.
- 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
- 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.
- Due to forecasted slight increase in temperature there may be increase in infestation of **thrips**, to control this Spray Lambda-cyhalothrin 5% EC @ 2 ml/ litre water or Thiamethoxam 25% WG @ 5g/ 15 litre water.
- Due to slight increase temperature and high humidity there will be chances of infestation of **bacterial leaf streak**, to control apply Plantomycin @ 1 g/litre along with Copper oxychloride @ 1g/litre of water using 200 litre of water per acre.

Sugarcane: The water requirement of this crop is highest at tillering and grand growth stage. Tillering requires 500-550mm water/7-12 Irrigation and grand growth stage requires 1000mm water/7-15 irrigation based on type of soil. As now break monsoon condition is prevailed over India & if their crop is at tillering(45-120days) or grand growth stage(120-270days), farmers should go for irrigation practices based upon rainfall forecast. Water stress particularly in GGS reduces inter nodal length

- 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: Anticipation of decrease in rainfall or less cloudy weather lead to infestation of **Mealy bug** and **mites** in vegetables. Take up spraying of profenophos 50% EC @ 400ml/ac against mealy bug and propargite 57%EC/ fenazaquin 10%EC / Fenpyroximate 5% EC @ 400ml/ac against mites which are more prevalent in dry weather.

- 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**.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-431

Date- 29/08/2023

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 1mm& district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was **34°C (+1.2°C from normal)** and **26°C (+1.8°C from normal)** respectively. Mean relative humidity of the district was around 68-89%.

Forecasted period: Today(8.30IST) to 03rd September (8.30IST)2023

Weather advisory:: Dry weather is forecasted for today & tomorrow and very light to light rainfall is forecasted for Thursday and Friday and moderate rainfall is forecasted for Saturday in the block. The day temperature will be 34-36°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-83% and 36-48% 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	29/08/2023	30/08/2023	31/08/2023	01/09/2023	02/09/2023
Rainfall(mm)	0	0	5	7	14
T-Max(°C)	34	35	36	36	35
T-Min(°C)	27	27	28	28	27
Cloud Cover(octa)	5	7	7	6	8
RH Max (%)	70	68	73	78	83
RH Min (%)	39	36	38	40	48
Wind Speed (Kmph)	9	9	10	14	11
Wind Direction (deg)	165	180	203	207	210

Agromet Advisory

General advisory: Farmers should strengthen their field bund to conserve water table in rice field. In dry condition during vegetative to reproductive stage, farmers may go for application of Boron 2kg/ha to improve yield and to minimize the stress. They may go for sowing, fertilizer, pesticide application, intercultural operations & human labour engagement in upcoming 3 days based upon rainfall forecast.

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.
- 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
- 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.
- Due to forecasted slight increase in temperature there may be increase in infestation of **thrips**, to control this Spray Lambda-cyhalothrin 5% EC @ 2 ml/ litre water or Thiamethoxam 25% WG @ 5g/ 15 litre water.
- Due to slight increase temperature and high humidity there will be chances of infestation of **bacterial leaf streak**, to control apply Plantomycin @ 1 g/litre along with Copper oxychloride @ 1g/litre of water using 200 litre of water per acre.

Maize:

- In dry days apply booster dose of fertilizer.
- Weeds may be controlled after rainfall.
- Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G 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.

VEGETABLES:

Anticipation of decrease in rainfall or less cloudy weather lead to infestation of **Mealy bug** and **mites** in vegetables. Take up spraying of profenophos 50% EC @ 400ml/ac against mealy bug and propargite 57%EC/ fenazaquin 10%EC / Fenpyroximate 5% EC @ 400ml/ac against mites which are more prevalent in dry weather.

- 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**.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-431

Date- 29/08/2023

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 3mm& district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was **34°C (+1.2°C from normal)** and **26°C (+1.8°C from normal)** respectively. Mean relative humidity of the district was around 68-89%.

Forecasted period: Today(8.30IST) to 03rd September (8.30IST)2023

Weather advisory: Dry weather is forecasted for today & tomorrow and very light to light rainfall is forecasted for Thursday and Friday and moderate rainfall is forecasted for Saturday in the block. The day temperature will be 34-36°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-81% and 42-50% 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	29/08/2023	30/08/2023	31/08/2023	01/09/2023	02/09/2023
Rainfall(mm)	0	0	5	7	12
T-Max(°C)	34	35	36	36	35
T-Min(°C)	27	27	28	28	27
Cloud Cover(octa)	5	7	5	5	7
RH Max (%)	76	75	79	81	79
RH Min (%)	45	42	46	48	50
Wind Speed (Kmph)	13	11	15	18	16
Wind Direction (deg)	180	236	203	204	216

Agromet Advisory

General advisory: Farmers should strengthen their field bund to conserve water table in rice field. In dry condition during vegetative to reproductive stage, farmers may go for application of Boron 2kg/ha to improve yield and to minimize the stress. They may go for sowing, fertilizer, pesticide application, intercultural operations & human labour engagement in upcoming 3 days based upon rainfall forecast.

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.
- 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
- 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.
- Due to forecasted slight increase in temperature there may be increase in infestation of **thrips**, to control this Spray Lambda-cyhalothrin 5% EC @ 2 ml/ litre water or Thiamethoxam 25% WG @ 5g/ 15 litre water.
- Due to slight increase temperature and high humidity there will be chances of infestation of **bacterial leaf streak**, to control apply Plantomycin @ 1 g/litre along with Copper oxychloride @ 1g/litre of water using 200 litre of water per acre.

Maize:

- In dry days apply booster dose of fertilizer.
- Weeds may be controlled after rainfall.
- Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G 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.

VEGETABLES: Anticipation of decrease in rainfall or less cloudy weather lead to infestation of **Mealy bug** and **mites** in vegetables. Take up spraying of profenophos 50% EC @ 400ml/ac against mealy bug and propargite 57%EC/ fenazaquin 10%EC / Fenpyroximate 5% EC @ 400ml/ac against mites which are more prevalent in dry weather.

- 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**.

Dr Sujata Sathy
(Nodal officer)



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Bulletin No.-431
Date- 29/08/2023

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 1mm& district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was **34°C (+1.2°C from normal)** and **26°C (+1.8°C from normal)** respectively. Mean relative humidity of the district was around 68-89%.

Forecasted period: Today(8.30IST) to 03rd September (8.30IST)2023

Weather advisory: Dry weather is forecasted for today & tomorrow and very light to light rainfall is forecasted for Thursday to Saturday in the block. The day temperature will be 35-37°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-81% and 37-45% 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	29/08/2023	30/08/2023	31/08/2023	01/09/2023	02/09/2023
Rainfall(mm)	0	0	5	5	10
T-Max(°C)	35	35	36	37	36
T-Min(°C)	26	26	27	27	28
Cloud Cover(octa)	4	7	6	6	8
RH Max (%)	64	66	71	81	76
RH Min (%)	38	37	38	39	45
Wind Speed (Kmph)	9	6	7	8	7
Wind Direction (deg)	315	326	210	212	203

Agro met Advisory

General advisory: Farmers should strengthen their field bund to conserve water table in rice field. In dry condition during vegetative to reproductive stage, farmers may go for application of Boron 2kg/ha to improve yield and to minimize the stress. They may go for sowing, fertilizer, pesticide application, intercultural operations & human labour engagement in upcoming 3 days based upon rainfall forecast.

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.
- 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
- 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.
- Due to forecasted slight increase in temperature there may be increase in infestation of **thrips**, to control this Spray Lambda-cyhalothrin 5% EC @ 2 ml/ litre water or Thiamethoxam 25% WG @ 5g/ 15 litre water.
- Due to slight increase temperature and high humidity there will be chances of infestation of **bacterial leaf streak**, to control apply Plantomycin @ 1 g/litre along with Copper oxychloride @ 1g/litre of water using 200 litre of water per acre.

Maize:

- In dry days apply booster dose of fertilizer.
- Weeds may be controlled after rainfall.
- Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre.
- High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb 300 g /ac. Due to water logging condition stem rot may be found, then farmers should apply carbendazim @ 2g/ltr water.

VEGETABLES:

Anticipation of decrease in rainfall or less cloudy weather lead to infestation of **Mealy bug** and **mites** in vegetables. Take up spraying of profenophos 50% EC @ 400ml/ac against mealy bug and propargite 57%EC/ fenazaquin 10%EC / Fenpyroximate 5% EC @ 400ml/ac against mites which are more prevalent in dry weather.

- 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**.

Dr Sujata Sethy
(Nodal officer)



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APP for Lightening alert in your area



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 Date- 29/08/2023

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

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

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

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

- Follow the **block specific whats app groups** and join in your block wise groups for getting weather based agromet advisory services twice in a week (Tuesday and Friday) and other weather warning based farm management advisories.
- Follow the **Official Website links** to get the weather based agromet advisory service bulletins (**English & Odia**) twice in a week (Tuesday and Friday).

1	ICAR-NRRI, Cuttack, Odisha	https://icar-nrri.in/agromate/	
2	Agrimet division, IMD, Pune	https://imdagrimet.gov.in/imdproject/AGIndex.php	

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