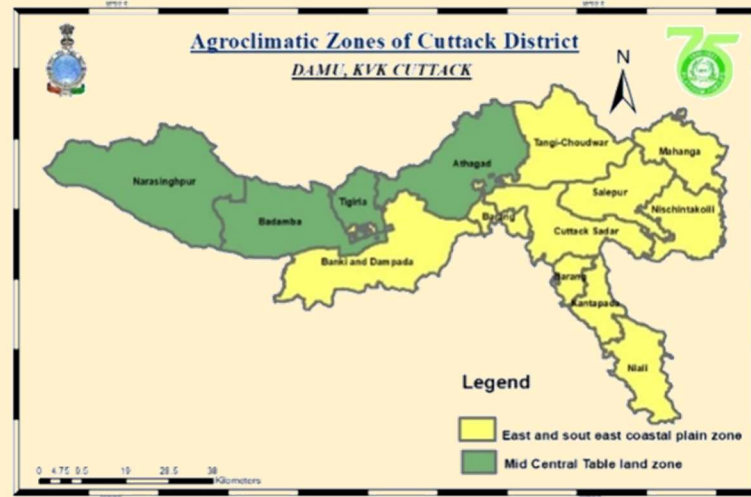




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 09th August, 2024
 (For the period 09th to 13th 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 04 TO 31 JULY 2024</p> <p>SPI VALUES</p> <ul style="list-style-type: none"> 0: No Rain 1 to -2 (Extremely Dry): 0% Rain, 0% Area 2.00 to 4.00 (Severely Dry): 0% Rain, 0% Area 4.00 to 6.00 (Moderately Dry): 0% Rain, 0% Area 6.00 to 8.00 (Dry): 0% Rain, 0% Area 8.00 to 10.00 (Very Dry): 0% Rain, 0% Area 10.00 to 12.00 (Extremely Dry): 0% Rain, 0% Area 12.00 to 14.00 (Severely Dry): 0% Rain, 0% Area 14.00 to 16.00 (Moderately Dry): 0% Rain, 0% Area 16.00 to 18.00 (Dry): 0% Rain, 0% Area 18.00 to 20.00 (Very Dry): 0% Rain, 0% Area 20.00 to 22.00 (Extremely Dry): 0% Rain, 0% Area 22.00 to 24.00 (Severely Dry): 0% Rain, 0% Area 24.00 to 26.00 (Moderately Dry): 0% Rain, 0% Area 26.00 to 28.00 (Dry): 0% Rain, 0% Area 28.00 to 30.00 (Very Dry): 0% Rain, 0% Area 30.00 to 32.00 (Extremely Dry): 0% Rain, 0% Area 32.00 to 34.00 (Severely Dry): 0% Rain, 0% Area 34.00 to 36.00 (Moderately Dry): 0% Rain, 0% Area 36.00 to 38.00 (Dry): 0% Rain, 0% Area 38.00 to 40.00 (Very Dry): 0% Rain, 0% Area 40.00 to 42.00 (Extremely Dry): 0% Rain, 0% Area 42.00 to 44.00 (Severely Dry): 0% Rain, 0% Area 44.00 to 46.00 (Moderately Dry): 0% Rain, 0% Area 46.00 to 48.00 (Dry): 0% Rain, 0% Area 48.00 to 50.00 (Very Dry): 0% Rain, 0% Area 50.00 to 52.00 (Extremely Dry): 0% Rain, 0% Area 52.00 to 54.00 (Severely Dry): 0% Rain, 0% Area 54.00 to 56.00 (Moderately Dry): 0% Rain, 0% Area 56.00 to 58.00 (Dry): 0% Rain, 0% Area 58.00 to 60.00 (Very Dry): 0% Rain, 0% Area 60.00 to 62.00 (Extremely Dry): 0% Rain, 0% Area 62.00 to 64.00 (Severely Dry): 0% Rain, 0% Area 64.00 to 66.00 (Moderately Dry): 0% Rain, 0% Area 66.00 to 68.00 (Dry): 0% Rain, 0% Area 68.00 to 70.00 (Very Dry): 0% Rain, 0% Area 70.00 to 72.00 (Extremely Dry): 0% Rain, 0% Area 72.00 to 74.00 (Severely Dry): 0% Rain, 0% Area 74.00 to 76.00 (Moderately Dry): 0% Rain, 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Dry): 0% Rain, 0% Area 244.00 to 246.00 (Moderately Dry): 0% Rain, 0% Area 246.00 to 248.00 (Dry): 0% Rain, 0% Area 248.00 to 250.00 (Very Dry): 0% Rain, 0% Area 250.00 to 252.00 (Extremely Dry): 0% Rain, 0% Area 252.00 to 254.00 (Severely Dry): 0% Rain, 0% Area 254.00 to 256.00 (Moderately Dry): 0% Rain, 0% Area 256.00 to 258.00 (Dry): 0% Rain, 0% Area 258.00 to 260.00 (Very Dry): 0% Rain, 0% Area 260.00 to 262.00 (Extremely Dry): 0% Rain, 0% Area 262.00 to 264.00 (Severely Dry): 0% Rain, 0% Area 264.00 to 266.00 (Moderately Dry): 0% Rain, 0% Area 266.00 to 268.00 (Dry): 0% Rain, 0% Area 268.00 to 270.00 (Very Dry): 0% Rain, 0% Area 270.00 to 272.00 (Extremely Dry): 0% Rain, 0% Area 272.00 to 274.00 (Severely Dry): 0% Rain, 0% Area 274.00 to 276.00 (Moderately Dry): 0% Rain, 0% Area 276.00 to 278.00 (Dry): 0% Rain, 0% Area 278.00 to 280.00 (Very Dry): 0% Rain, 0% Area 280.00 to 282.00 (Extremely Dry): 0% Rain, 0% Area 282.00 to 284.00 (Severely Dry): 0% Rain, 0% Area 284.00 to 286.00 (Moderately Dry): 0% Rain, 0% Area 286.00 to 288.00 (Dry): 0% Rain, 0% Area 288.00 to 290.00 (Very Dry): 0% Rain, 0% Area 290.00 to 292.00 (Extremely Dry): 0% Rain, 0% Area 292.00 to 294.00 (Severely Dry): 0% Rain, 0% Area 294.00 to 296.00 (Moderately Dry): 0% Rain, 0% Area 296.00 to 298.00 (Dry): 0% Rain, 0% Area 298.00 to 300.00 (Very Dry): 0% Rain, 0% Area 300.00 to 302.00 (Extremely Dry): 0% Rain, 0% Area 302.00 to 304.00 (Severely Dry): 0% Rain, 0% Area 304.00 to 306.00 (Moderately Dry): 0% Rain, 0% Area 306.00 to 308.00 (Dry): 0% Rain, 0% Area 308.00 to 310.00 (Very Dry): 0% Rain, 0% Area 310.00 to 312.00 (Extremely Dry): 0% Rain, 0% Area 312.00 to 314.00 (Severely Dry): 0% Rain, 0% Area 314.00 to 316.00 (Moderately Dry): 0% Rain, 0% Area 316.00 to 318.00 (Dry): 0% Rain, 0% Area 318.00 to 320.00 (Very Dry): 0% Rain, 0% Area 320.00 to 322.00 (Extremely Dry): 0% Rain, 0% Area 322.00 to 324.00 (Severely Dry): 0% Rain, 0% Area 324.00 to 326.00 (Moderately Dry): 0% Rain, 0% Area 326.00 to 328.00 (Dry): 0% Rain, 0% Area 328.00 to 330.00 (Very Dry): 0% Rain, 0% Area 330.00 to 332.00 (Extremely Dry): 0% Rain, 0% Area 332.00 to 334.00 (Severely Dry): 0% Rain, 0% Area 334.00 to 336.00 (Moderately Dry): 0% Rain, 0% Area 336.00 to 338.00 (Dry): 0% Rain, 0% Area 338.00 to 340.00 (Very Dry): 0% Rain, 0% Area 340.00 to 342.00 (Extremely Dry): 0% Rain, 0% Area 342.00 to 344.00 (Severely Dry): 0% Rain, 0% Area 344.00 to 346.00 (Moderately Dry): 0% Rain, 0% Area 346.00 to 348.00 (Dry): 0% Rain, 0% Area 348.00 to 350.00 (Very Dry): 0% Rain, 0% Area 350.00 to 352.00 (Extremely Dry): 0% Rain, 0% Area 352.00 to 354.00 (Severely Dry): 0% Rain, 0% Area 354.00 to 356.00 (Moderately Dry): 0% Rain, 0% Area 356.00 to 358.00 (Dry): 0% Rain, 0% Area 358.00 to 360.00 (Very Dry): 0% Rain, 0% Area 360.00 to 362.00 (Extremely Dry): 0% Rain, 0% Area 362.00 to 364.00 (Severely Dry): 0% Rain, 0% Area 364.00 to 366.00 (Moderately Dry): 0% Rain, 0% Area 366.00 to 368.00 (Dry): 0% Rain, 0% Area 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Area 410.00 to 412.00 (Extremely Dry): 0% Rain, 0% Area 412.00 to 414.00 (Severely Dry): 0% Rain, 0% Area 414.00 to 416.00 (Moderately Dry): 0% Rain, 0% Area 416.00 to 418.00 (Dry): 0% Rain, 0% Area 418.00 to 420.00 (Very Dry): 0% Rain, 0% Area 420.00 to 422.00 (Extremely Dry): 0% Rain, 0% Area 422.00 to 424.00 (Severely Dry): 0% Rain, 0% Area 424.00 to 426.00 (Moderately Dry): 0% Rain, 0% Area 426.00 to 428.00 (Dry): 0% Rain, 0% Area 428.00 to 430.00 (Very Dry): 0% Rain, 0% Area 430.00 to 432.00 (Extremely Dry): 0% Rain, 0% Area 432.00 to 434.00 (Severely Dry): 0% Rain, 0% Area 434.00 to 436.00 (Moderately Dry): 0% Rain, 0% Area 436.00 to 438.00 (Dry): 0% Rain, 0% Area 438.00 to 440.00 (Very Dry): 0% Rain, 0% Area 440.00 to 442.00 (Extremely Dry): 0% Rain, 0% Area 442.00 to 444.00 (Severely Dry): 0% Rain, 0% Area 444.00 to 446.00 (Moderately Dry): 0% Rain, 0% Area 446.00 to 448.00 (Dry): 0% Rain, 0% Area 448.00 to 450.00 (Very Dry): 0% Rain, 0% Area 450.00 to 452.00 (Extremely Dry): 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(Severely Dry): 0% Rain, 0% Area 494.00 to 496.00 (Moderately Dry): 0% Rain, 0% Area 496.00 to 498.00 (Dry): 0% Rain, 0% Area 498.00 to 500.00 (Very Dry): 0% Rain, 0% Area </div>	<div style="text-align: center;"> <p>NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 31 (29.07.2024 to 04.08.2024) over Agricultural region</p> <p>Odisha</p> <p>Legend for NDVI:</p> <ul style="list-style-type: none"> -9999 - 0 0 - 0.05 0.05 - 0.1 0.1 - 0.15 0.15 - 0.2 0.2 - 0.25 0.25 - 0.3 0.3 - 0.35 0.35 - 0.4 0.4 - 0.45 0.45 - 0.5 0.5 - 0.55 0.55 - 0.6 > 0.6 <p>Bare soil, rocks, clouds, rain, snow, etc.</p> <p>Moderate</p> <p>Good</p> <p>Very good</p> </div> <p style="text-align: center;">Agriculture vigour is moderate at isolated places of the state. NDVI could not be captured due dense cloud cover or rainfall.</p>
<p>As per SPI value (cumulative 4weeks -04 to 31 July 2024), mildly wet condition was there in Cuttack district.</p>	<p>According to NDVI map (29.07.2024 to 04.08.2024) the agriculture vigor was very light to light over maximum blocks of Cuttack district.</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)

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





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.-519
Date- 09/08/2024

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (14-20 August 2024) after 5 days				
	Parameter	Actual	Normal	Departure (%)	Category
Odisha	Rainfall (mm)	14.0	10.6	31.87	Above Normal
	Parameter	Actual	Normal	Anomaly	Category
	Maximum temperature (°C)	31.7	30.7	0.93	Normal
	Minimum temperature (°C)	25.0	24.2	0.82	Normal

***Agromet Advisory based upon subsequent week extended range forecast:-As there will be above normal rainfall in the subsequent week (14-20 August,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 and should complete transplanting and beushaning of kharif paddy in upcoming 5-7 days. Farmers may go for sowing of kharif vegetables in the subsequent week. They should monitor paddy field for seedling blight, Blast, Sheath blight diseases in rice, rot/wilt diseases, sucking pests invegetables. In heavy weed infested areas, before the subsequent week, spray Bispyribac sodium 10% SC @ 120 ml/acre in 8 tanks of 16 litre capacity sprayer at 8-10 days after emergence of weeds (or when the weeds are at 2-3 leaf stage).All plant protection measures, intercultural operations and fertilizer application may be done in upcoming 4-5 days based upon rainfall forecast.**













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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	Nursery stage to tillering		Blast
				Seedling blight
				Sheath blight
				Leaf folder
				Thrips
				Sawarming caterpillar
2	Sugarcane	Vegetative to Tillering		Red rot
				Wilt
				Whitefly
				Stem fly
3	Maize	5 week stage		



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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.-519
Date- 09/08/2024

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



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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.-519
Date- 09/08/2024

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 14 mm and district received average 16 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C (+0.08 from normal) and 24.42°C (+0.32 from normal), respectively. The mean relative humidity was 92-95%.

Forecasted period: Today(8.30IST) to 14thAugust(8.30IST)2024

Weather advisory: Moderate rainfall is forecasted for today and very light to light rainfall is forecasted in between other 4 days in the block. The day temperature will be 31-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-86% and 46-56% respectively. There will be partly cloudy to overcastsky for next 5days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	09/08/2024	10/08/2024	11/08/2024	12/08/2024	13/08/2024
Rainfall (mm)	15	10	7	5	8
T-Max (°C)	31	32	34	34	34
T-Min (°C)	25	26	25	26	26
Cloud Cover (octa)	7	8	8	8	8
RH Max (%)	86	82	80	80	81
RH Min (%)	56	52	48	46	50
Wind Speed (kmph)	11	12	11	13	11
Wind Direction (deg)	212	225	249	214	270

Agromet Advisory

General advisory: Farmers should resume fertiliser and pesticide application in upcoming days and should drain out excess water from vegetable and rice nurseries and should complete their beushanning and transplanting of paddy in between this week as moderate to heavy amount of rainfall was realized in the block in last few days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.

Kharif rice: farmers should go for beushanning and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.

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

Maize:

Maize crop is highly sensitive to waterlogged conditions during seedling stage. Hence, drain out excess water from the field as early as possible.

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

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

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

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



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(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.-519
Date- 09/08/2024

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 36 mm and district received average 16 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C (+0.08 from normal) and 24.42°C (+0.32 from normal), respectively. The mean relative humidity was 92-95%.

Forecasted period: Today(8.30IST) to 14th August(8.30IST)2024

Weather advisory: Moderate rainfall is forecasted for today and tomorrow and very light to light rainfall is forecasted in between other 3 days in the block. The day temperature will be 30-33°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-86% and 47-59% 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)				
	09/08/2024	10/08/2024	11/08/2024	12/08/2024	13/08/2024
Rainfall(mm)	15	11	7	5	8
T-Max(°C)	30	32	33	33	33
T-Min(°C)	24	25	25	25	26
Cloud Cover(octa)	7	8	8	8	8
RH Max (%)	86	82	79	80	81
RH Min (%)	59	53	49	47	52
Wind Speed (Kmph)	9	10	11	11	9
Wind Direction (deg)	212	238	252	214	252

Agromet Advisory

General advisory: Farmers should resume fertilizer and pesticide application in upcoming days and should drain out excess water from vegetable and rice nurseries and should complete their weeding and transplanting of paddy in between this week as moderate to heavy amount of rainfall was realized in the block in last few days. As humidity will likely to be above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.

Kharif rice: farmers should go for weeding and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.

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

Maize:

Maize crop is highly sensitive to waterlogged conditions during seedling stage. Hence, drain out excess water from the field as early as possible.

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

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

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

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



**DrRanjan Kumar Mohanta
(Nodal officer)**

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(A Unit of ICAR-National Rice Research Institute)

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

Bulletin No.-519
Date- 09/08/2024

AGROMET ADVISORY BULLETIN FOR BANKI

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

The district received average 16 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C (+0.08 from normal) and 24.42°C (+0.32 from normal), respectively. The mean relative humidity was 92-95%.

Forecasted period: Today(8.30IST) to 14th August(8.30IST)2024

Weather advisory: Moderate rainfall is forecasted for today and tomorrow and very light to light rainfall is forecasted in between other 3 days in the block. The day temperature will be 31-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-84% and 45-56% 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)				
	09/08/2024	10/08/2024	11/08/2024	12/08/2024	13/08/2024
Rainfall(mm)	15	12	7	5	8
T-Max(°C)	31	32	34	33	34
T-Min(°C)	25	26	25	26	26
Cloud Cover(octa)	7	8	8	8	8
RH Max (%)	84	81	78	78	80
RH Min (%)	56	51	48	45	49
Wind Speed (Kmph)	11	12	11	13	11
Wind Direction (deg)	212	225	248	214	236

Agromet Advisory

General advisory: Farmers should resume fertilizer and pesticide application in upcoming days and should drain out excess water from vegetable and rice nurseries and should complete their weeding and transplanting of paddy in between this week as moderate to heavy amount of rainfall was realized in the block in last few days. As humidity will likely to be above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.

Kharif rice: farmers should go for weeding and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.

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

Maize:

Maize crop is highly sensitive to waterlogged conditions during seedling stage. Hence, drain out excess water from the field as early as possible.

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

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

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

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



DrRanjan Kumar Mohanta
(Nodal officer)

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(A Unit of ICAR-National Rice Research Institute)

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

Bulletin No.-519
Date- 09/08/2024

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 54 mm and district received average 16 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C (+0.08 from normal) and 24.42°C (+0.32 from normal), respectively. The mean relative humidity was 92-95%.

Forecasted period: Today(8.30IST) to 14th August(8.30IST)2024

Weather Advisory: Moderate rainfall is forecasted for today and tomorrow and very light to light rainfall is forecasted in between other 3 days in the block. The day temperature will be 31-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-85% and 45-56% 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)				
	09/08/2024	10/08/2024	11/08/2024	12/08/2024	13/08/2024
Rainfall(mm)	15	12	7	5	8
T-Max(°C)	31	32	34	33	34
T-Min(°C)	25	26	25	26	26
Cloud Cover(octa)	7	8	8	8	8
RH Max (%)	85	81	78	78	80
RH Min (%)	56	51	48	45	49
Wind Speed (Kmph)	11	12	11	13	11
Wind Direction (deg)	212	225	248	214	236

Agromet Advisory

General advisory: Farmers should resume fertiliser and pesticide application in upcoming days and should drain out excess water from vegetable and rice nurseries and should complete their beushanning and transplanting of paddy in between this week as moderate to heavy amount of rainfall was realized in the block in last few days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.

Kharif rice: farmers should go for beushanning and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.

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

Maize:

Maize crop is highly sensitive to waterlogged conditions during seedling stage. Hence, drain out excess water from the field as early as possible.

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

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

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

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



DrRanjan Kumar Mohanta
(Nodal officer)

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

Bulletin No.-519
 Date- 09/08/2024

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 09 mm and district received average 16 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C (+0.08 from normal) and 24.42°C (+0.32 from normal), respectively. The mean relative humidity was 92-95%.

Forecasted period: Today(8.30IST) to 14th August(8.30IST)2024

Weather advisory: Moderate rainfall is forecasted for today and very light to light rainfall is forecasted in between other 4 days in the block. The day temperature will be 32-34°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-84% and 42-52% 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	09/08/2024	10/08/2024	11/08/2024	12/08/2024	13/08/2024
Rainfall(mm)	14	9	6	4	7
T-Max(°C)	32	32	34	34	34
T-Min(°C)	26	27	26	27	27
Cloud Cover	6	8	8	8	8
RH Max (%)	84	78	77	74	76
RH Min (%)	52	49	46	42	46
Wind Speed (Kmph)	14	15	13	16	15
Wind Direction (deg)	207	225	244	214	225

Agromet Advisory

General advisory: Farmers should resume fertiliser and pesticide application in upcoming days and should drain out excess water from vegetable and rice nurseries and should complete their weeding and transplanting of paddy in between this week as moderate to heavy amount of rainfall was realized in the block in last few days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.

Kharif rice: farmers should go for weeding and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.

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

Maize: Maize crop is highly sensitive to waterlogged conditions during seedling stage. Hence, drain out excess water from the field as early as possible.

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

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

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

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



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.-519
Date- 09/08/2024

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 13 mm and district received average 16 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C (+0.08 from normal) and 24.42°C (+0.32 from normal), respectively. The mean relative humidity was 92-95%.

Forecasted period: Today(8.30IST) to 14th August(8.30IST)2024

Weather advisory: Moderate rainfall is forecasted for today and very light to light rainfall is forecasted in between other 4 days in the block. The day temperature will be 32-34°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-85% and 44-52% 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)				
	09/08/2024	10/08/2024	11/08/2024	12/08/2024	13/08/2024
Rainfall(mm)	14	10	7	5	8
T-Max(°C)	32	32	34	34	34
T-Min(°C)	26	27	26	27	27
Cloud Cover(octa)	6	8	8	8	8
RH Max (%)	85	78	78	76	78
RH Min (%)	52	50	45	44	47
Wind Speed (Kmph)	13	14	13	15	14
Wind Direction (deg)	212	225	248	270	270

Agromet Advisory

General advisory: Farmers should resume fertiliser and pesticide application in upcoming days and should drain out excess water from vegetable and rice nurseries and should complete their beushanning and transplanting of paddy in between this week as moderate to heavy amount of rainfall was realized in the block in last few days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.

Kharif rice: farmers should go for beushanning and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.

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

Sugarcane:

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

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

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

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



DrRanjan Kumar Mohanta
(Nodal officer)

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(A Unit of ICAR-National Rice Research Institute)

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

Bulletin No.-519
Date- 09/08/2024

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 11 mm and district received average 16 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C (+0.08 from normal) and 24.42°C (+0.32 from normal), respectively. The mean relative humidity was 92-95%.

Forecasted period: Today(8.30IST) to 14th August(8.30IST)2024

Weather advisory: Moderate rainfall is forecasted for today and very light to light rainfall is forecasted in between other 4 days in the block. The day temperature will be 31-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-81% and 42-53% 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	09/08/2024	10/08/2024	11/08/2024	12/08/2024	13/08/2024
Rainfall(mm)	13	9	6	4	8
T-Max(°C)	31	32	35	34	34
T-Min(°C)	26	27	26	27	27
Cloud Cover(octa)	6	8	8	8	8
RH Max (%)	81	78	75	73	74
RH Min (%)	53	49	46	42	44
Wind Speed (Kmph)	15	16	15	18	16
Wind Direction (deg)	207	212	244	214	236

Agromet Advisory

General advisory: Farmers should resume fertilizer and pesticide application in upcoming days and should drain out excess water from vegetable and rice nurseries and should complete their weeding and transplanting of paddy in between this week as moderate to heavy amount of rainfall was realized in the block in last few days. As humidity will likely to be above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.

Kharif rice: farmers should go for weeding and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.

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

Sugarcane:

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

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

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

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



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.-519
Date- 09/08/2024

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 11 mm and district received average 16 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C (+0.08 from normal) and 24.42°C (+0.32 from normal), respectively. The mean relative humidity was 92-95%.

Forecasted period: Today(8.30IST) to 14th August(8.30IST)2024

Weather advisory: Moderate rainfall is forecasted for today and very light to light rainfall is forecasted in between other 4 days in the block. The day temperature will be and it will be 32-34°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-81% and 44-51% 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)				
	09/08/2024	10/08/2024	11/08/2024	12/08/2024	13/08/2024
Rainfall(mm)	13	9	6	5	7
T-Max(°C)	33	32	34	34	34
T-Min(°C)	26	27	26	27	27
Cloud Cover(octal)	6	8	8	8	8
RH Max (%)	81	78	77	74	77
RH Min (%)	51	50	45	44	47
Wind Speed (Kmph)	16	15	15	16	15
Wind Direction (deg)	207	225	248	270	248

Agromet Advisory

General advisory: Farmers should resume fertiliser and pesticide application in upcoming days and should drain out excess water from vegetable and rice nurseries and should complete their beushanning and transplanting of paddy in between this week as moderate to heavy amount of rainfall was realized in the block in last few days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.

Kharif rice: Farmers should go for beushanning and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.

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

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

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

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

Jute: Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds.

- After rain in vegetative stage to control stem rot of jute, spray copper oxychloride @ 3-4 gram/liter of water.
- To control indigo caterpillar apply Spinosad (45% S.C) 0.3 ml/liter of water or Emamectin benzoate (5% SC) 0.5 gram per liter of water.

VEGETABLES: Drain out excess water from vegetable field and nursery and cover the vegetable seedling with polythine cover in view rainfall activity. Due to pastrain, Chances of fruit rot infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.

- If incidence of Damping off is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever sucking pests incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.

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



Dr 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.-519
Date- 09/08/2024

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 10 mm and district received average 16 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C (+0.08 from normal) and 24.42°C (+0.32 from normal), respectively. The mean relative humidity was 92-95%.

Forecasted period: Today(8.30IST) to 14th August(8.30IST)2024

Weather advisory: *Moderate rainfall is forecasted for today and tomorrow and very light to light rainfall is forecasted in between other 3 days in the block.* The day temperature will be 30-33°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-90% and 48-64% 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)				
	09/08/2024	10/08/2024	11/08/2024	12/08/2024	13/08/2024
Rainfall(mm)	15	12	8	5	9
T-Max(°C)	30	32	33	33	33
T-Min(°C)	23	24	24	24	25
Cloud Cover(/octa)	7	8	8	8	8
RH Max (%)	90	83	82	83	83
RH Min (%)	64	55	49	48	53
Wind Speed (Kmph)	6	8	10	9	8
Wind Direction (deg)	238	244	257	259	270

Agromet Advisory

General advisory: *Farmers should resume fertiliser and pesticide application in upcoming days and should drain out excess water from vegetable and rice nurseries and should complete their beushanning and transplanting of paddy in between this week as moderate to heavy amount of rainfall was realized in the block in last few days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.*

Kharif rice: farmers should go for beushanning and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.

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

Maize:

Maize crop is highly sensitive to waterlogged conditions during seedling stage. Hence, drain out excess water from the field as early as possible.

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

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

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

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



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.-519
Date- 09/08/2024

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 06 mm and district received average 16 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C (+0.08 from normal) and 24.42°C (+0.32 from normal), respectively. The mean relative humidity was 92-95%.

Forecasted period: Today(8.30IST) to 14th August(8.30IST)2024

Weather advisory: Moderate rainfall is forecasted for today and very light to light rainfall is forecasted in between other 4 days in the block. The day temperature will be 30-34°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-80% and 42-56% 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)				
	09/08/2024	10/08/2024	11/08/2024	12/08/2024	13/08/2024
Rainfall(mm)	13	9	6	4	7
T-Max(°C)	30	32	34	34	34
T-Min(°C)	26	27	27	27	27
Cloud Cover(octa)	7	8	7	8	8
RH Max (%)	80	77	74	71	72
RH Min (%)	56	49	47	42	43
Wind Speed(Kmph)	16	18	17	18	18
Wind Direction(deg)	207	212	244	225	236

Agromet Advisory

General advisory: Farmers should resume fertiliser and pesticide application in upcoming days and should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between this week as moderate to heavy amount of rainfall was realized in the block in last few days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.

Kharif rice: farmers should go for beushanning and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.

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

Sugarcane:

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

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

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

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



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.-519
Date- 09/08/2024

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 12 mm and district received average 16 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C (+0.08 from normal) and 24.42°C (+0.32 from normal), respectively. The mean relative humidity was 92-95%.

Forecasted period: Today(8.30IST) to 14th August(8.30IST)2024

Weather advisory: Moderate rainfall is forecasted for today and very light to light rainfall is forecasted in between other 4 days in the block. The day temperature will be 32-34°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-80% and 43-52% 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	09/08/2024	10/08/2024	11/08/2024	12/08/2024	13/08/2024
Rainfall(mm)	14	10	7	5	8
T-Max(°C)	32	32	34	34	34
T-Min(°C)	26	27	26	27	27
Cloud Cover(octa)	6	8	8	8	8
RH Max (%)	80	78	76	74	76
RH Min (%)	52	49	45	43	47
Wind Speed (Kmph)	16	15	15	16	15
Wind Direction (deg)	207	212	248	270	248

Agromet Advisory

General advisory: Farmers should resume fertiliser and pesticide application in upcoming days and should drain out excess water from vegetable and rice nurseries and should complete their beushanning and transplanting of paddy in between this week as moderate to heavy amount of rainfall was realized in the block in last few days. As humidity will likely to be above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.

Kharif rice: farmers should go for beushanning and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.

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

Sugarcane:

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

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

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

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



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.-519
Date- 09/08/2024

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 10 mm and district received average 16 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C (+0.08 from normal) and 24.42°C (+0.32 from normal), respectively. The mean relative humidity was 92-95%.

Forecasted period: Today(8.30IST) to 14th August(8.30IST)2024

Weather advisory: Moderate rainfall is forecasted for today and very light to light rainfall is forecasted in between other 4 days in the block. The day temperature will be 32-34°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-81% and 43-51% 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)				
	09/08/2024	10/08/2024	11/08/2024	12/08/2024	13/08/2024
Rainfall(mm)	14	10	7	5	8
T-Max(°C)	33	32	35	34	34
T-Min(°C)	26	27	26	27	27
Cloud Cover(octa)	6	8	8	8	8
RH Max (%)	81	78	77	74	77
RH Min (%)	51	49	45	43	47
Wind Speed (Kmph)	15	15	15	16	15
Wind Direction (deg)	207	225	248	270	248

Agromet Advisory

General advisory: Farmers should resume fertiliser and pesticide application in upcoming days and should drain out excess water from vegetable and rice nurseries and should complete their beushanning and transplanting of paddy in between this week as moderate to heavy amount of rainfall was realized in the block in last few days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.

Kharif rice: Farmers should go for beushanning and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.

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

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

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

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

Jute: Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl@2ml/litre of water at 2-3 leaf stage of weeds.

- After rain in vegetative stage to control stem rot of jute, spray copper oxychloride @ 3-4 gram/liter of water.
- To control indigo caterpillar apply Spinosad (45% S.C) 0.3 ml/liter of water or Emamectin benzoate (5% SC) 0.5 gram per liter of water.

VEGETABLES: Drain out excess water from vegetable field and nursery and cover the vegetable seedling with polythine cover in view rainfall activity. Due to pastrain, Chances of fruit rot infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.

- If incidence of Damping off is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever sucking pests incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.

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



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.-519
Date- 09/08/2024

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 12 mm and district received average 16 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C (+0.08 from normal) and 24.42°C (+0.32 from normal), respectively. The mean relative humidity was 92-95%.

Forecasted period: Today(8.30IST) to 14th August(8.30IST)2024

Weather advisory: Moderate rainfall is forecasted for today and very light to light rainfall is forecasted in between other 4 days in the block. The day temperature will be 32-37°C and night temperature will be 29-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-79% and 46-65% 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	09/08/2024	10/08/2024	11/08/2024	12/08/2024	13/08/2024
Rainfall(mm)	15	10	7	5	8
T-Max(°C)	32	35	36	37	37
T-Min(°C)	29	30	30	30	30
Cloud Cover(octa)	7	8	8	8	8
RH Max (%)	79	78	75	73	74
RH Min (%)	65	53	52	46	46
Wind Speed (Kmph)	19	21	20	19	21
Wind Direction (deg)	207	212	236	236	238

Agromet Advisory

General advisory: Farmers should resume fertilizer and pesticide application in upcoming days and should drain out excess water from vegetable and rice nurseries and should complete their weeding and transplanting of paddy in between this week as moderate to heavy amount of rainfall was realized in the block in last few days. As humidity will likely to be above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.

Kharif rice: farmers should go for weeding and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.

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

Maize:

Maize crop is highly sensitive to waterlogged conditions during seedling stage. Hence, drain out excess water from the field as early as possible.

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

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

- Due to pastrain, chances of fruit rot infestation in chilli and brinjal, if observed 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 soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.

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



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.-519
Date- 09/08/2024

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 12 mm and district received average 16 mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C (+0.08 from normal) and 24.42°C (+0.32 from normal), respectively. The mean relative humidity was 92-95%.

Forecasted period: Today(8.30IST) to 14th August(8.30IST)2024

Weather advisory: *Moderate rainfall is forecasted for today and very light to light rainfall is forecasted in between other 4 days in the block.* The day temperature will be 31-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-87% and 48-58% 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)				
	09/08/2024	10/08/2024	11/08/2024	12/08/2024	13/08/2024
Rainfall(mm)	15	10	7	5	8
T-Max(°C)	31	32	33	33	34
T-Min(°C)	25	26	25	26	26
Cloud Cover(octa)	7	8	8	8	8
RH Max (%)	87	83	81	80	82
RH Min (%)	58	53	49	48	51
Wind Speed (Kmph)	10	11	11	12	10
Wind Direction (deg)	212	225	252	214	248

Agro met Advisory

General advisory: *Farmers should resume fertiliser and pesticide application in upcoming days and should drain out excess water from vegetable and rice nurseries and should complete their beushanning and transplanting of paddy in between this week as moderate to heavy amount of rainfall was realized in the block in last few days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.*

Kharif rice: farmers should go for beushanning and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting.

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

Maize: Maize crop is highly sensitive to waterlogged conditions during seedling stage. Hence, drain out excess water from the field as early as possible.

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

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

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

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



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



Bulletin No.-519
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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://imdagrismet.gov.in/imdproject/AGIndex.php	



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