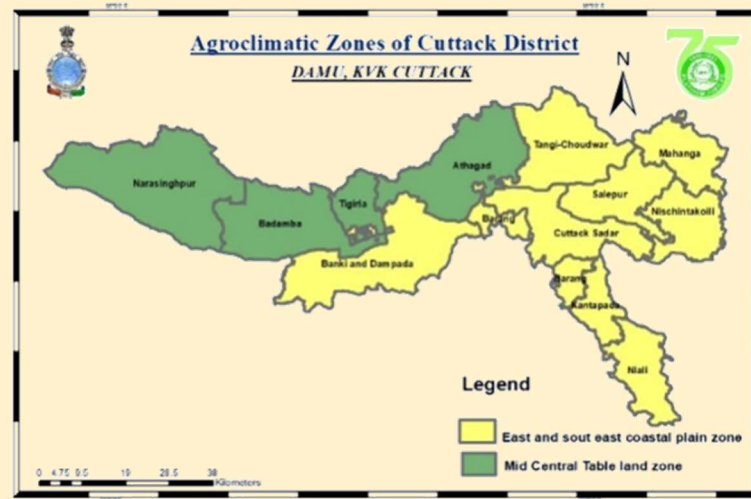




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 27th August, 2024
 (For the period 27th to 31st August,
 2024)*

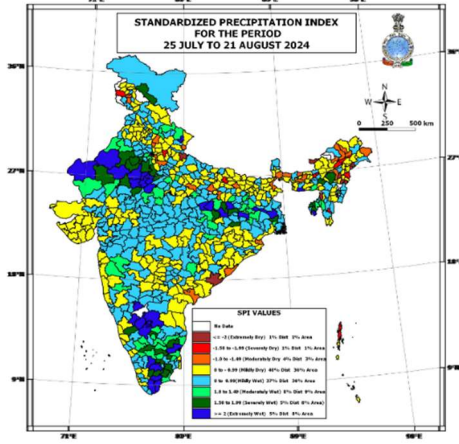
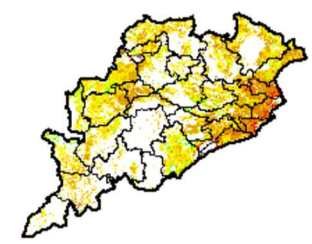


*Issued by
 District Agro-met Unit,
 KrishiVigyan Kendra Cuttack*





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 25 JULY TO 21 AUGUST 2024</p>  </div>	<div style="text-align: center;"> <p>NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 33 (12.08.2024 to 18.08.2024) over Agricultural region</p> <p>Odisha</p>  <p>Agriculture vigour is moderate at isolated places of the state.</p> </div>
<p><i>As per SPI value (cumulative 4weeks -25 July to 21 August 2024), mildly wet condition was there in Cuttack district.</i></p>	<p><i>According to NDVI map (12.08.2024 to 18.08.2024) the agriculture vigor was light to moderate over Athagad, Badamba, banki, Dampada, Narasinghpur and Tigiria and very light to light over other blocks of Cuttack district.</i></p>

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

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



DrRanjan Kumar Mohanta
(Nodal officer)

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Bulletin No.-524
Date- 27/08/2024

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (01 to 07 September 2024) after 5 days				
Odisha	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall (mm)	13.6	10.6	28.14	Above Normal
	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature (°C)	30.7	31.2	-0.49	Normal
	Minimum temperature (°C)	24.4	24.1	0.27	Normal

***Agromet Advisory based upon subsequent week extended range forecast:-As there will be above normal rainfall in the subsequent week (01-07 September, 2024) after 5 days in Odisha condition, so farmers are advised to drainout excess water from paddy field and should maintain 5-10cm during transplanting/reproductive stage. Farmers may go for sowing of kharif vegetables before the subsequent week. In heavy weed infested areas, before the subsequent week, spray Bispyribac sodium 10% SC @ 120 ml/acre in 8 tanks of 16 litre capacity sprayer at 8-10 days after emergence of weeds (or when the weeds are at 2-3 leaf stage). Farmers should pause irrigation, fertilizer/pesticide application especially today to Thursday and may resume after Thursday 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	Tillering		Blast
				Sheath blight
				Stem Borer
				Gall midge
				Sawming catterpillar
2	Sugarcane	Vegetative to Tillering		Red rot
				Wilt
				Early shoot borer
3	Maize	5 week stage		Stem fly
				Leaf blight



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Bulletin No.-524
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				Stalk rot
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
6	okra	Fruting		cercospora leaf spot
7	Banana			Sigatoka
8	Papaya			Yellow mosaic virus



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Bulletin No.-524
Date- 27/08/2024

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 20 mm and district received average 17 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.8°C (-0.4 from normal) and 24.24°C (+0.09 from normal), respectively. The mean relative humidity was 86-90%.

Forecasted period: Today(8.30IST) to 01st September (8.30IST)2024

Weather advisory: Moderate rainfall / thundershower is forecasted for today to Thursday and light rainfall is forecasted for other 2days in the block. The day temperature will be 31-32°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-91% and 53-68% respectively. **There will be partly cloudy to overcastsky for next 5days.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	27/08/2024	28/08/2024	29/08/2024	30/08/2024	31/08/2024
Rainfall (mm)	28	24	29	10	09
T-Max (°C)	32	32	32	32	31
T-Min (°C)	25	25	25	25	26
Cloud Cover (octa)	8	8	7	7	6
RH Max (%)	85	83	90	89	91
RH Min (%)	53	56	59	58	68
Wind Speed (kmph)	10	10	10	11	22
Wind Direction (deg)	225	293	343	113	68

Agromet Advisory

General advisory: Farmers should drain out excess water from vegetable and rice field. As relative humidity was above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially today to Thursday and resume it after.

Kharif Rice:

- The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- Intermittent dry and wet weather condition, is favorable for incidence of **BLB and Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin @ 1.0 g/l to prevent the spread of the disease.
- If **leaf blast** is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

Maize:

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

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

Due to past rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary, spray second and third round at 15 days interval.

- If incidence of **Damping off** is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water.
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

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



DrRanjan Kumar Mohanta
(Nodal officer)

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Bulletin No.-524

Date- 27/08/2024

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 10 mm and district received average 17 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.8°C (-0.4 from normal) and 24.24°C (+0.09 from normal), respectively. The mean relative humidity was 86-90%.

Forecasted period: Today(8.30IST) to 01st September (8.30IST)2024

Weatheradvisory:: Moderate rainfall / thundershower is forecasted for today to Thursday and light rainfall is forecasted for other 2days in the block. The daytemperature will be 30-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-92% and 54-71% respectively. **There will be partly cloudy to overcastsky fornext 5 days.**

Block	Badamba(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	27/08/2024	28/08/2024	29/08/2024	30/08/2024	31/08/2024
Rainfall(mm)	26	22	27	09	08
T-Max(°C)	32	32	32	32	30
T-Min(°C)	24	24	24	24	25
Cloud Cover(octa)	8	8	7	7	7
RH Max (%)	86	84	90	91	92
RH Min (%)	54	57	59	60	71
Wind Speed (Kmph)	9	10	10	9	20
Wind Direction (deg)	225	293	342	333	58

Agromet Advisory

General advisory: Famers should drain out excess water from vegetable and rice field. As relative humidity was above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially today to Thursday and resume it after.

Kharif Rice:

- The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage..Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- Intermittent dry and wet weather condition, is favorable for incidence of **BLB and Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease.
- If **leaf blast** is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tilleringstageof rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

Maize:

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

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

VEGETABLES: Darin out excess water from vegetable field and nursery and cover the vegetable seedling with polythine cover.

Due to past rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary, spray second and third round at 15 days interval.

- If incidence of **Damping off** is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water.
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

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



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**Bulletin No.-524
Date- 27/08/2024**

AGROMET ADVISORY BULLETIN FOR BANKI

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

The district received average 17 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.8°C (-0.4 from normal) and 24.24°C (+0.09 from normal), respectively. The mean relative humidity was 86-90%.

Forecasted period: Today(8.30IST) to 01st September (8.30IST)2024

Weatheradvisory:; Moderate rainfall / thundershower is forecasted for today to Friday and light rainfall is forecasted for Saturday in the block. The day temperature will be 31-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-91% and 52-69% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Banki(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	27/08/2024	28/08/2024	29/08/2024	30/08/2024	31/08/2024
Rainfall(mm)	28	24	29	14	10
T-Max(°C)	32	32	32	32	31
T-Min(°C)	25	25	24	25	25
Cloud Cover(octa)	8	8	7	7	7
RH Max (%)	84	82	89	90	91
RH Min (%)	52	54	57	57	69
Wind Speed (Kmph)	10	11	11	11	21
Wind Direction (deg)	225	293	342	150	58

Agromet Advisory

General advisory: Famers should drain out excess water from vegetable and rice field. As relative humidity was above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight , blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially today to Thursday and resume it after.

Kharif Rice:

- The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage..Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- Intermittent dry and wet weather condition, is favorable for incidence of **BLB and Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease.
- If **leaf blast** is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

Maize:

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

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

VEGETABLES: Darin out excess water from vegetable field and nursery and cover the vegetable seedling with polythine cover.

Due to past rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary, spray second and third round at 15 days interval.

- If incidence of **Damping off** is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water.
- Brinjal , tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

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



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Bulletin No.-524
Date- 27/08/2024

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 27 mm and district received average 17 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.8°C (-0.4 from normal) and 24.24°C (+0.09 from normal), respectively. The mean relative humidity was 86-90%.

Forecasted period: Today(8.30IST) to 01st September (8.30IST)2024

Weather Advisory: Moderate rainfall / thundershower is forecasted for today to Friday and light rainfall is forecasted for Saturday in the block. The day temperature will be 31-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-91% and 53-69% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/08/2024	28/08/2024	29/08/2024	30/08/2024	31/08/2024
Rainfall(mm)	28	24	29	14	10
T-Max(°C)	32	32	32	32	31
T-Min(°C)	25	25	24	25	25
Cloud Cover(octa)	8	8	7	7	7
RH Max (%)	84	83	89	90	91
RH Min (%)	53	54	58	57	69
Wind Speed (Kmph)	10	11	11	11	21
Wind Direction (deg)	225	294	342	113	64

Agromet Advisory

General advisory: Farmers should drain out excess water from vegetable and rice field. As relative humidity was above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially today to Thursday and resume it after.

Kharif Rice:

- The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage.. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- Intermittent dry and wet weather condition, is favorable for incidence of **BLB and Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin @ 1.0 g/l to prevent the spread of the disease.
- If **leaf blast** is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- Temperature below 28 deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

Maize:

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

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

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

Due to past rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary, spray second and third round at 15 days interval.

- If incidence of **Damping off** is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water.
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

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



Dr Ranjan Kumar Mohanta
(Nodal officer)

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



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

Bulletin No.-524
 Date- 27/08/2024

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 16 mm and district received average 17 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.8°C (-0.4 from normal) and 24.24°C (+0.09 from normal), respectively. The mean relative humidity was 86-90%.

Forecasted period: Today(8.30IST) to 01st September (8.30IST)2024

Weather advisory: *Moderate rainfall / thundershower is forecasted for today to Friday and light rainfall is forecasted for Saturday in the block.* The day temperature will be 31-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-88% and 50-68% 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	27/08/2024	28/08/2024	29/08/2024	30/08/2024	31/08/2024
Rainfall(mm)	29	25	30	15	10
T-Max(°C)	32	32	33	32	31
T-Min(°C)	26	26	25	26	26
Cloud Cover	8	8	7	7	6
RH Max (%)	82	82	89	85	88
RH Min (%)	50	52	53	56	68
Wind Speed (Kmph)	11	10	10	13	24
Wind Direction (deg)	210	315	345	342	68

Agromet Advisory

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

Kharif Rice:

- The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage..Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- Intermittent dry and wet weather condition, is favorable for incidence of **BLB and Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease.
- If **leaf blast** is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

Maize:

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

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

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

Due to past rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary, spray second and third round at 15 days interval.

- If incidence of **Damping off** is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water.
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

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



DrRanjan Kumar Mohanta
 (Nodal officer)

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

Bulletin No.-524
Date- 27/08/2024

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 20 mm and district received average 17 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.8°C (-0.4 from normal) and 24.24°C (+0.09 from normal), respectively. The mean relative humidity was 86-90%.

Forecasted period: Today(8.30IST) to 01st September (8.30IST)2024

Weather advisory: Moderate rainfall / thundershower is forecasted for today to Friday and light rainfall is forecasted for Saturday in the block. The day temperature will be 32-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-89% and 51-66% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	27/08/2024	28/08/2024	29/08/2024	30/08/2024	31/08/2024
Rainfall(mm)	27	23	28	13	09
T-Max(°C)	32	32	33	33	32
T-Min(°C)	26	26	25	26	26
Cloud Cover(octa)	8	8	6	7	6
RH Max (%)	82	82	89	85	88
RH Min (%)	51	55	54	56	66
Wind Speed (Kmph)	11	10	9	13	24
Wind Direction (deg)	248	302	345	342	68

Agromet Advisory

General advisory:

Farmers should drain out excess water from vegetable and rice field. As relative humidity was above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially today to Thursday and resume it after.

Kharif Rice:

- The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage..Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- Intermittent dry and wet weather condition, is favorable for incidence of **BLB and Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease.
- If **leaf blast** is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

Sugarcane:

- Drain out excess water from the field as early as possible.
- After cessation of rains weeding and earthing up should be done in this time after that Top dressing of Urea @30 kg/acre for 30-60 days old sugarcane plant.
- For **Red rot and wilt disease**, spray the crop with Mancozeb 0.3% or carbendazim 0.1% or Azoxystrobin 18.2%SC/ Difenconazole 11.45SC @ 1ml per liter water in dry days.
- For early shoot borer Spray Chloropyriphos @ 400 ml/ac in 200 lts of water after cessation of rain.

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

Due to past rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary, spray second and third round at 15 days interval.

- If incidence of **Damping off** is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water.
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

ANIMAL HUSBANDRY:

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



Dr Ranjan Kumar Mohanta
(Nodal officer)

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Bulletin No.-524
Date- 27/08/2024

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 26 mm and district received average 17 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.8°C (-0.4 from normal) and 24.24°C (+0.09 from normal), respectively. The mean relative humidity was 86-90%.

Forecasted period: Today(8.30IST) to 01st September (8.30IST)2024

Weather advisory: Moderate rainfall / thundershower is forecasted for today to Friday and light rainfall is forecasted for Saturday in the block. The day temperature will be 31-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-89% and 50-70% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	27/08/2024	28/08/2024	29/08/2024	30/08/2024	31/08/2024
Rainfall(mm)	29	23	30	15	09
T-Max(°C)	32	33	33	32	31
T-Min(°C)	26	26	25	26	26
Cloud Cover(octa)	8	8	7	7	6
RH Max (%)	79	83	89	85	88
RH Min (%)	51	50	52	56	70
Wind Speed (Kmph)	12	11	10	14	25
Wind Direction (deg)	210	330	351	342	71

Agromet Advisory

General advisory:

Farmers should drain out excess water from vegetable and rice field. As relative humidity was above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially today to Thursday and resume it after.

Kharif Rice:

- The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage..Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- Intermittent dry and wet weather condition, is favorable for incidence of **BLB and Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease.
- If **leaf blast** is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

Sugarcane:

- Drain out excess water from the field as early as possible.
- After cessation of rains weeding and earthing up should be done in this time after that Top dressing of Urea @30 kg/acre for 30-60 days old sugarcane plant.
- For **Red rot and wilt disease**, spray the crop with Mancozeb 0.3% or carbendazim 0.1% or Azoxystrobin 18.2%SC/ Difenconazole 11.45SC @ 1ml per liter water in dry days.
- For early shoot borer Spray Chloropyriphos @ 400 ml/ac in 200 lts of water after cessation of rain.

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

Due to past rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary, spray second and third round at 15 days interval.

- If incidence of **Damping off** is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water.
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

ANIMAL HUSBANDRY:

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



DrRanjan Kumar Mohanta
(Nodal officer)

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Bulletin No.-524

Date- 27/08/2024

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 18 mm and district received average 17 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.8°C (-0.4 from normal) and 24.24°C (+0.09 from normal), respectively. The mean relative humidity was 86-90%.

Forecasted period: Today(8.30IST) to 01st September (8.30IST)2024

Weather advisory: Moderate rainfall / thundershower is forecasted for today to Thursday and light rainfall is forecasted for other 2 days in the block. The day temperature will be and it will be 31-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-90% and 52-72% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Mahanga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	27/08/2024	28/08/2024	29/08/2024	30/08/2024	31/08/2024
Rainfall(mm)	27	23	28	09	08
T-Max(°C)	32	32	33	33	31
T-Min(°C)	26	26	25	26	26
Cloud Cover(octal)	8	8	5	7	6
RH Max (%)	80	83	90	83	88
RH Min (%)	52	55	53	57	72
Wind Speed (Kmph)	11	9	8	14	23
Wind Direction (deg)	210	324	45	108	79

Agromet Advisory

General advisory:

Famers should drain out excess water from vegetable and rice field. As relative humidity was above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially today to Thursday and resume it after.

Kharif Rice:

- The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage..Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- Intermittent dry and wet weather condition, is favorable for incidence of **BLB and Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease.
- If **leaf blast** is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

Sugarcane:

- Drain out excess water from the field as early as possible.
- After cessation of rains weeding and earthing up should be done in this time after that Top dressing of Urea @30 kg/acre for 30-60 days old sugarcane plant.
- For **Red rot and wilt disease**, spray the crop with Mancozeb 0.3% or carbendazim 0.1% or Azoxystrobin 18.2%SC/ Difenconazole 11.45SC @ 1ml per liter water in dry days.

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

Jute:

Recent rain has aggravated **weed problem** in early sown crop. To control grass weeds, apply Quizalofop-pethyl@2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control **stem rot of jute**, spray copper oxychloride @ 3-4 gram/liter of water.

- To control **indigo caterpillar** apply Spinosad (45% S.C) 0.3 ml/liter of water or Emamectin benzoate (5% SC) 0.5 gram per liter of water.

VEGETABLES: Darin out excess water from vegetable field and nursery and cover the vegetable seedling with polythine cover.

Due to past rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary, spray second and third round at 15 days interval.

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

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

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



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(Nodal officer)

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Bulletin No.-524
Date- 27/08/2024

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 11 mm and district received average 17 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.8°C (-0.4 from normal) and 24.24°C (+0.09 from normal), respectively. The mean relative humidity was 86-90%.

Forecasted period: Today(8.30IST) to 01st September (8.30IST)2024

Weather advisory: Moderate rainfall / thundershower is forecasted for today to Thursday and light rainfall is forecasted for other 2 days in the block. The day temperature will be 30-32°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-95% and 54-72% 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)				
	27/08/2024	28/08/2024	29/08/2024	30/08/2024	31/08/2024
Rainfall(mm)	25	22	27	09	08
T-Max(°C)	32	31	31	32	30
T-Min(°C)	23	23	23	24	24
Cloud Cover(/octa)	8	8	8	7	7
RH Max (%)	88	87	93	93	95
RH Min (%)	54	61	58	64	72
Wind Speed (Kmph)	7	8	9	6	16
Wind Direction (deg)	270	293	328	338	24

Agromet Advisory

General advisory: Farmers should drain out excess water from vegetable and rice field. As relative humidity was above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially today to Thursday and resume it after.

Kharif Rice:

- The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage.. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- Intermittent dry and wet weather condition, is favorable for incidence of **BLB and Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin @ 1.0 g/l to prevent the spread of the disease.
- If **leaf blast** is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- Temperature below 28 deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

Maize:

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

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

Due to past rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary, spray second and third round at 15 days interval.

- If incidence of **Damping off** is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water.
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

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



Dr Ranjan Kumar Mohanta
(Nodal officer)

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



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

Bulletin No.-524
Date- 27/08/2024

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 17 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.8°C (-0.4 from normal) and 24.24°C (+0.09 from normal), respectively. The mean relative humidity was 86-90%.

Forecasted period: Today(8.30IST) to 01st September (8.30IST)2024

Weather advisory: Moderate rainfall / thundershower is forecasted for today to Friday and light rainfall is forecasted for Saturday in the block. The day temperature will be 31-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-89% and 48-72% 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)				
	27/08/2024	28/08/2024	29/08/2024	30/08/2024	31/08/2024
Rainfall(mm)	28	24	29	14	10
T-Max(°C)	32	33	33	32	31
T-Min(°C)	26	26	25	26	26
Cloud Cover(octa)	8	8	7	7	6
RH Max (%)	79	83	89	85	88
RH Min (%)	52	48	52	58	72
Wind Speed(Kmph)	12	11	10	14	25
Wind Direction(deg)	210	338	351	108	79

Agromet Advisory

General advisory:

Farmers should drain out excess water from vegetable and rice field. As relative humidity was above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially today to Thursday and resume it after.

Kharif Rice:

- The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage..Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- Intermittent dry and wet weather condition, is favorable for incidence of **BLB and Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease.
- If **leaf blast** is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

Sugarcane:

- Drain out excess water from the field as early as possible.
- After cessation of rains weeding and earthing up should be done in this time after that Top dressing of Urea @30 kg/acre for 30-60 days old sugarcane plant.
- For **Red rot and wilt disease**, spray the crop with Mancozeb 0.3% or carbendazim 0.1% or Azoxystrobin 18.2%SC/ Difenconazole 11.45SC @ 1ml per liter water in dry days.
- For early shoot borer Spray Chloropyrifos @ 400 ml/ac in 200 lts of water after cessation of rain.

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

Due to past rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary, spray second and third round at 15 days interval.

- If incidence of **Damping off** is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water.
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

ANIMAL HUSBANDRY:

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



Dr Ranjan Kumar Mohanta
(Nodal officer)

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

Bulletin No.-524
Date- 27/08/2024

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 19 mm and district received average 17 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.8°C (-0.4 from normal) and 24.24°C (+0.09 from normal), respectively. The mean relative humidity was 86-90%.

Forecasted period: Today(8.30IST) to 01st September (8.30IST)2024

Weather advisory: Moderate rainfall / thundershower is forecasted for today to Thursday and light rainfall is forecasted for other 2 days in the block. The day temperature will be 31-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-90% and 52-72% 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)				
	27/08/2024	28/08/2024	29/08/2024	30/08/2024	31/08/2024
Rainfall(mm)	28	24	29	10	09
T-Max(°C)	32	32	33	33	31
T-Min(°C)	26	26	25	26	26
Cloud Cover(octa)	8	8	6	7	6
RH Max (%)	80	84	90	84	88
RH Min (%)	52	54	54	56	72
Wind Speed (Kmph)	11	9	8	14	24
Wind Direction (deg)	210	315	27	108	79

Agromet Advisory

General advisory:

Farmers should drain out excess water from vegetable and rice field. As relative humidity was above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially today to Thursday and resume it after.

Kharif Rice:

- The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage..Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- Intermittent dry and wet weather condition, is favorable for incidence of **BLB and Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease.
- If **leaf blast** is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

Sugarcane:

- Drain out excess water from the field as early as possible.
- After cessation of rains weeding and earthing up should be done in this time after that Top dressing of Urea @30 kg/acre for 30-60 days old sugarcane plant.
- For **Red rot and wilt disease**, spray the crop with Mancozeb 0.3% or carbendazim 0.1% or Azoxystrobin 18.2%SC/ Difenconazole 11.45SC @ 1ml per liter water in dry days.
- For early shoot borer Spray Chloropyriphos @ 400 ml/ac in 200 lts of water after cessation of rain.

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

Due to past rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary, spray second and third round at 15 days interval.

- If incidence of **Damping off** is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water.
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

ANIMAL HUSBANDRY:

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



Dr Ranjan Kumar Mohanta
(Nodal officer)

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Bulletin No.-524

Date- 27/08/2024

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 25 mm and district received average 17 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.8°C (-0.4 from normal) and 24.24°C (+0.09 from normal), respectively. The mean relative humidity was 86-90%.

Forecasted period: Today(8.30IST) to 01st September (8.30IST)2024

Weather advisory: Moderate rainfall / thundershower is forecasted for today to Thursday and light rainfall is forecasted for other 2days in the block. The day temperature will be 31-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-90% and 52-71% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Salepur(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	27/08/2024	28/08/2024	29/08/2024	30/08/2024	31/08/2024
Rainfall(mm)	28	24	29	10	09
T-Max(°C)	32	32	33	33	31
T-Min(°C)	26	26	25	26	26
Cloud Cover(octa)	8	8	6	7	6
RH Max (%)	80	84	90	84	88
RH Min (%)	52	54	53	56	71
Wind Speed (Kmph)	11	9	8	14	24
Wind Direction (deg)	210	324	23	108	79

Agromet Advisory

General advisory:

Famers should drain out excess water from vegetable and rice field. As relative humidity was above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially today to Thursday and resume it after.

Kharif Rice:

- The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage..Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- Intermittent dry and wet weather condition, is favorable for incidence of **BLB and Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease.
- If **leaf blast** is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

Sugarcane:

- Drain out excess water from the field as early as possible.
 - After cessation of rains weeding and earthing up should be done in this time after that Top dressing of Urea @30 kg/acre for 30-60 days old sugarcane plant.
 - For **Red rot and wilt disease**, spray the crop with Mancozeb 0.3% or carbendazim 0.1% or Azoxystrobin 18.2%SC/ Difenconazole 11.45SC @ 1ml per liter water in dry days.
- For early shoot borer Spray Chloropyriphos @ 400 ml/ac in 200 lts of water after cessation of rain.

Jute:

Recent rain has aggravated **weed problem** in early sown crop. To control grass weeds, apply Quizalofop-pethyl@2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control **stem rot of jute**, spray copper oxychloride @ 3-4 gram/liter of water.

- To control **indigo caterpillar** apply Spinosad (45% S.C) 0.3 ml/liter of water or Emamectin benzoate (5% SC) 0.5 gram per liter of water.

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

Due to past rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary, spray second and third round at 15 days interval.

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

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

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



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(Nodal officer)**

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Bulletin No.-524
Date- 27/08/2024

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 18 mm and district received average 17 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.8°C (-0.4 from normal) and 24.24°C (+0.09 from normal), respectively. The mean relative humidity was 86-90%.

Forecasted period: Today(8.30IST) to 01st September (8.30IST)2024

Weatheradvisory: Moderate rainfall / thundershower is forecasted for today to Thursday and light rainfall is forecasted for other 2days in the block. The day temperature will be 31-34°C and night temperature will be 28-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-86% and 55-77% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	27/08/2024	28/08/2024	29/08/2024	30/08/2024	31/08/2024
Rainfall(mm)	26	22	28	10	08
T-Max(°C)	34	34	33	34	31
T-Min(°C)	29	28	28	28	29
Cloud Cover(octa)	8	8	6	7	5
RH Max (%)	78	81	86	86	86
RH Min (%)	57	55	60	62	77
Wind Speed (Kmph)	14	11	10	17	28
Wind Direction (deg)	216	330	30	23	110

Agromet Advisory

General advisory: Farmers should drain out excess water from vegetable and rice field. As relative humidity was above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially today to Thursday and resume it after.

Kharif Rice:

- The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- Intermittent dry and wet weather condition, is favorable for incidence of **BLB and Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin @ 1.0 g/l to prevent the spread of the disease.
- If **leaf blast** is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10g/acre.

Maize:

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

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

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

Due to past rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary, spray second and third round at 15 days interval.

- If incidence of **Damping off** is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water.
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

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



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Bulletin No.-524
 Date- 27/08/2024

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 17 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.8°C (-0.4 from normal) and 24.24°C (+0.09 from normal), respectively. The mean relative humidity was 86-90%.

Forecasted period: Today(8.30IST) to 01st September (8.30IST)2024

Weatheradvisory: *Moderate rainfall / thundershower is forecasted for today to Thursday and light rainfall is forecasted for other 2days in the block.* The day temperature will be 31-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-92% and 54-70% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Tigiria(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	27/08/2024	28/08/2024	29/08/2024	30/08/2024	31/08/2024
Rainfall(mm)	26	22	28	10	08
T-Max(°C)	32	32	32	32	31
T-Min(°C)	25	25	24	25	25
Cloud Cover(octa)	8	8	7	7	7
RH Max (%)	86	85	91	90	92
RH Min (%)	54	57	59	59	70
Wind Speed (Kmph)	9	10	10	10	20
Wind Direction (deg)	225	293	342	113	63

Agro met Advisory

General advisory: *Famers should drain out excess water from vegetable and rice field. As relative humidity was above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight , blight, blast, foot rot and swarming caterpillar, leaf folder, stem borer in rice. They may pause all agricultural activities based on rainfall forecast especially today to Thursday and resume it after.*

Kharif Rice:

- The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage..Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.
- Intermittent dry and wet weather condition, is favorable for incidence of **BLB and Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease.
- If **leaf blast** is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre
- If **swarming caterpillar** will be found after the rain water recedes, apply Lambda cyhalothrin 5% EC @ 100 ml/acre.
- Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre.

Maize:

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

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

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

Due to past rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary, spray second and third round at 15 days interval.

- If incidence of **Damping off** is noticed in Tomato, Brinjal, Chilli nurseries, drench nursery bed with Copper-Oxy-Chloride @ 3 g per liter of water.
- Brinjal , tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot.**

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



DrRanjan Kumar Mohanta
 (Nodal officer)

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

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

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



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