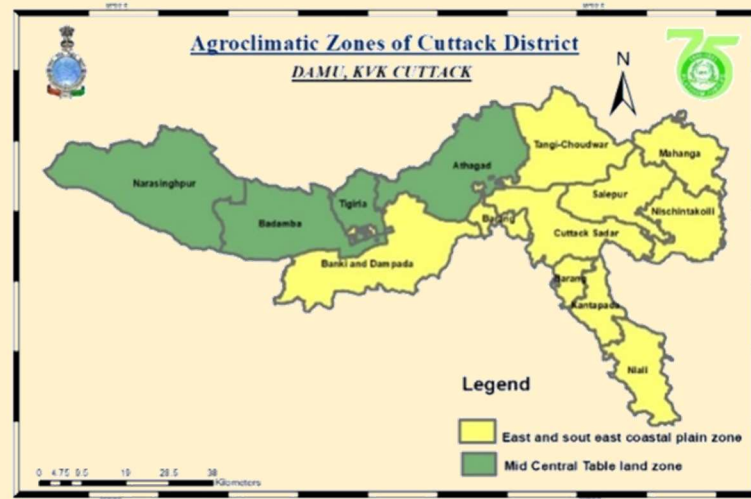




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 21st June, 2024
 (For the period 21st to 25th June, 2024)*

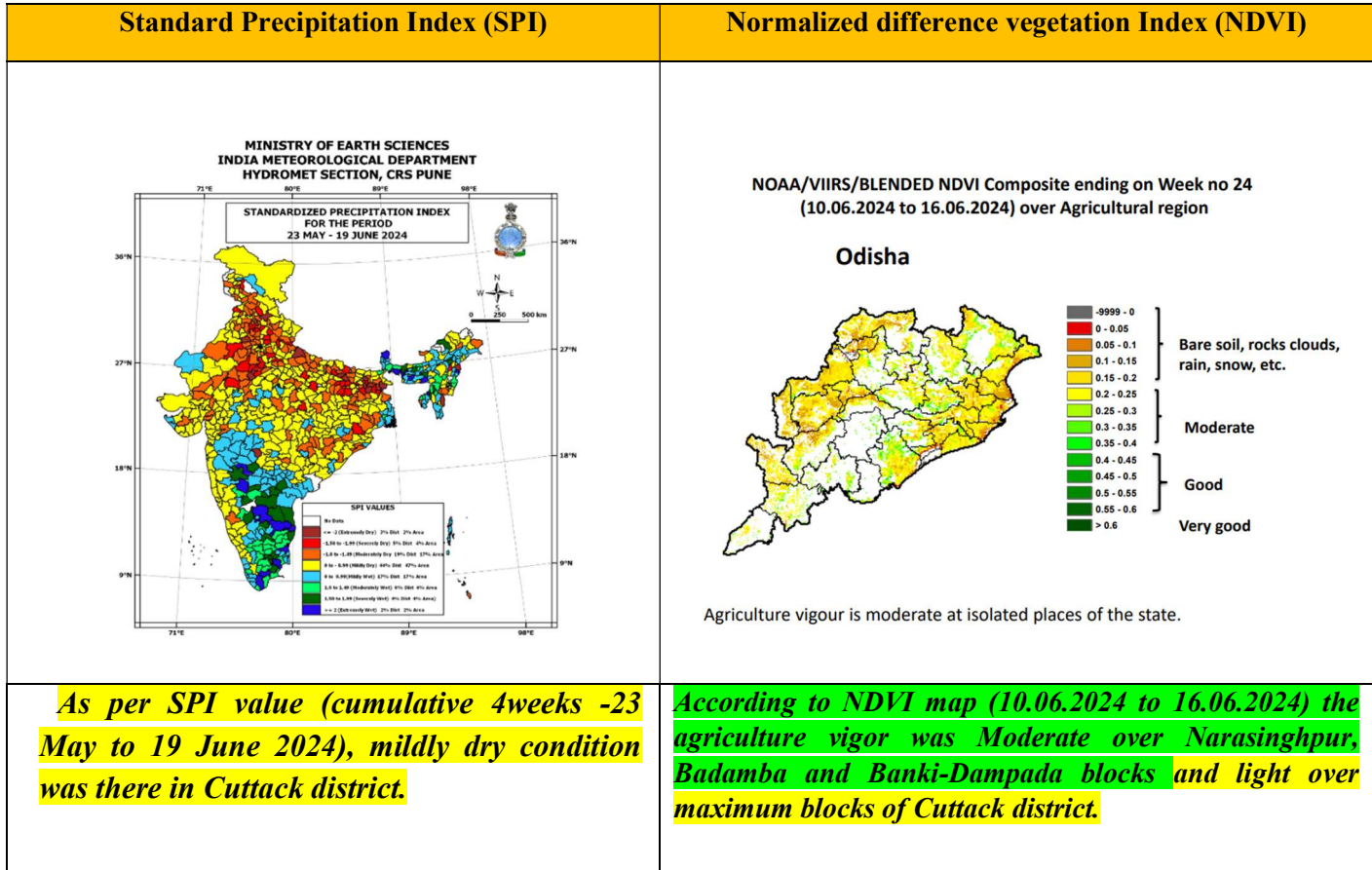


*Issued by
 District Agro-met Unit,
 KrishiVigyan Kendra Cuttack*





STANDARD PRECIPITATION INDEX AND NDVI MAP



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


















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.-505
 Date- 21/06/2024

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	Sugarcane	Vegetative	 Red rot
			 Wilt
2	Jute	Sowing	 Weed
3	Brinjal	Fruiting	 Phomopsis Blight
			 Fruit and shoot borer
4	Tomato	Fruting	 Bacterial wilt
			 Seedling rot
5	Cowpea		 Rust
6	Cucurbits	Flowering to Fruiting stage	 Downy mildew
7	Okra	Fruiting	 YMV
8	Banana		 Banana leaf spot/sigatoka
			 Panama wilt
9	Papaya	Fruting	 phytophthora crown rot or foot rot





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.-505
Date- 21/06/2024

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 03mm and district received average 04 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.6°C (+2.98 from normal) and 27.28°C (+2.77 from normal), respectively. The mean relative humidity was 70-82%.

Forecasted period: Today(8.30IST) to 26th June (8.30IST)2024

Weather advisory: *Moderate rain/Thundershower is forecasted for today and very light to light rain/Thundershower is forecasted for tomorrow to Tuesday in the block.* The day temperature will be 32-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-83% and 33-40% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	21/06/2024	22/06/2024	23/06/2024	24/06/2024	25/06/2024
Rainfall (mm)	11	7	4	3	8
T-Max (°C)	33	33	33	32	34
T-Min (°C)	25	26	26	26	25
Cloud Cover (octa)	7	5	6	7	8
RH Max (%)	68	81	69	71	83
RH Min (%)	33	34	37	40	34
Wind Speed (kmph)	11	14	15	14	8
Wind Direction (deg)	210	159	198	200	191

Agromet Advisory

General advisory: **Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice.**

Kharif rice:

Sowing should be started soon after receive of good amount of early monsoon showers (75-100 mm in a week) where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 27 kg DAP and 20 kg MoP per acre during last ploughing. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed.

Transplanting rice:

After receive of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Farmers who are sowing paddy nurseries are advised to treat the seeds with carbendizem @ 3 g/kg seed followed by shade drying for 24 hours before sowing in case of dry nursery and in case of wet nursery seeds should be treated with carbendizem @ 1 g/l of water bysoaking for 24 hrs and another 24 hrs for sprouting and the seeds should be sown in wet nurseries. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

Maize: It is time for sowing of maize for green cob purpose under irrigated condition Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

VEGETABLES AND FRUITS:

- **Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- 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.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Rust** disease is likely to appear in **Cowpea**. Spay Chlorothalonil@2g/litre of water.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

Fruit: Banana:Forleaf spot/sigatoka as a precautionary measure spray carbendizim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil @ 2.0 g/ litre of water.Drenching soil with Metiram 75% WG @1.5g/4 lit or carbendazim 12%+ mancozeb 63% @ 2g/lit to prevent **Panama wilt**.

Mango:Harvest the mature mango fruits during morning or evening hours. Keep the harvested fruits in shade to prevent from spongy tissue disease and heat.

Papaya: After rain due to water logging there may be increase in the infestation of **phytopthera crown rot or foot rot** in papya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.





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.-505
Date- 21/06/2024

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 01mm and district received average 04 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 37.6°C (+2.98 from normal) and 27.28°C (+2.77 from normal), respectively.** The mean relative humidity was 70-82%.

Forecasted period: Today(8.30IST) to 26th June (8.30IST)2024

Weather advisory: Moderate rain/Thundershower is forecasted for today and very light to light rain/Thundershower is forecasted for tomorrow to Tuesday in the block. The day temperature will be 33-34°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-81% and 32-38% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	21/06/2024	22/06/2024	23/06/2024	24/06/2024	25/06/2024
Rainfall(mm)	11	7	4	3	8
T-Max(°C)	33	34	34	33	34
T-Min(°C)	24	25	26	26	24
Cloud Cover(octa)	7	5	6	7	8
RH Max (%)	68	80	67	67	81
RH Min (%)	32	33	36	38	33
Wind Speed (Kmph)	10	12	13	13	7
Wind Direction (deg)	216	158	191	189	225

Agromet Advisory

General advisory: Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Kharif Rice.

Kharif rice:

Sowing should be started soon after receive of good amount of early monsoon showers (75-100 mm in a week) where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 27 kg DAP and 20 kg MoP per acre during last ploughing. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed.

Transplanting rice:

After receive of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Farmers who are sowing paddy nurseries are advised to treat the seeds with carbendazim @ 3 g/kg seed followed by shade drying for 24 hours before sowing in case of dry nursery and in case of wet nursery seeds should be treated with carbendazim @ 1 g/l of water bysoaking for 24 hrs and another 24 hrs for sprouting and the seeds should be sown in wet nurseries. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

Maize: It is time for sowing of maize for green cob purpose under irrigated condition Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

VEGETABLES AND FRUITS:

- Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- 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.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

Fruit: Banana: For leaf spot/sigatoka as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil @ 2.0 g / litre of water. Drenching soil with Metiram 75% WG @ 1.5g/4 lit or carbendazim 12%+ mancozeb 63% @ 2g/lit to prevent **Panama wilt**.

Mango: Harvest the mature mango fruits during morning or evening hours. Keep the harvested fruits in shade to prevent from spongy tissue disease and heat.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr Ranjan Kumar Mohanta
(Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



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.-505
Date- 21/06/2024

AGROMET ADVISORY BULLETIN FOR BANKI

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

The district received average 04 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.6°C (+2.98 from normal) and 27.28°C (+2.77 from normal), respectively. The mean relative humidity was 70-82%.

Forecasted period: Today(8.30IST) to 26th June (8.30IST)2024

Weather advisory: Moderate rain/Thundershower is forecasted for today and very light rain/Thundershower is forecasted for tomorrow to Tuesday in the block. The day temperature will be 33-35°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-80% and 33-38% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	21/06/2024	22/06/2024	23/06/2024	24/06/2024	25/06/2024
Rainfall(mm)	11	7	4	3	8
T-Max(°C)	33	34	34	33	35
T-Min(°C)	25	26	26	26	25
Cloud Cover(octa)	7	5	6	7	8
RH Max (%)	68	80	68	70	79
RH Min (%)	33	33	37	38	34
Wind Speed (Kmph)	12	14	16	15	9
Wind Direction (deg)	216	159	198	203	180

Agromet Advisory

General advisory: Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice.

Kharif rice:

Sowing should be started soon after receive of good amount of early monsoon showers (75-100 mm in a week) where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 27 kg DAP and 20 kg MoP per acre during last ploughing. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed.

Transplanting rice:

After receive of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Farmers who are sowing paddy nurseries are advised to treat the seeds with carbendizem @ 3 g/kg seed followed by shade drying for 24 hours before sowing in case of dry nursery and in case of wet nursery seeds should be treated with carbendizem @ 1 g/l of water bysoaking for 24 hrs and another 24 hrs for sprouting and the seeds should be sown in wet nurseries. Raise the nursery for transplanted kharif rice. 400 m2 area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m2 nursery area.

Maize: It is time for sowing of maize for green cob purpose under irrigated condition Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

VEGETABLES AND FRUITS:

- Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- 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.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- Rust** disease is likely to appear in **Cowpea**. Spay Chlorothalonil@2g/litre of water.
- Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

Fruit: Banana: For leaf spot/sigatoka as a precautionary measure spray carbendizim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil @ 2.0 g / litre of water. Drenching soil with Metiram 75% WG @ 1.5g/4 lit or carbendazim 12%+ mancozeb 63% @ 2g/lit to prevent **Panama wilt**.

Mango: Harvest the mature mango fruits during morning or evening hours. Keep the harvested fruits in shade to prevent from spongy tissue disease and heat.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr Ranjan Kumar Mohanta
(Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



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.-505
Date- 21/06/2024

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 09mm and district received average 04 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.6°C (+2.98 from normal) and 27.28°C (+2.77 from normal), respectively. The mean relative humidity was 70-82%.

Forecasted period: Today(8.30IST) to 26th June (8.30IST)2024

Weather Advisory: Moderate rain/Thundershower is forecasted for today and very light to light rain/Thundershower is forecasted for tomorrow to Tuesday in the block. The day temperature will be 33-35°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-80% and 33-38% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	21/06/2024	22/06/2024	23/06/2024	24/06/2024	25/06/2024
Rainfall(mm)	11	7	4	3	8
T-Max(°C)	33	34	33	33	35
T-Min(°C)	25	26	26	26	25
Cloud Cover(octa)	7	5	6	7	8
RH Max (%)	68	80	68	70	79
RH Min (%)	33	33	37	38	34
Wind Speed (Kmph)	12	14	16	15	9
Wind Direction (deg)	216	159	198	203	180

Agromet Advisory

General advisory: Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice.

Kharif rice:

Sowing should be started soon after receive of good amount of early monsoon showers (75-100 mm in a week) where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 27 kg DAP and 20 kg MoP per acre during last ploughing. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed.

Transplanting rice:

After receive of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Farmers who are sowing paddy nurseries are advised to treat the seeds with carbendizem @ 3 g/kg seed followed by shade drying for 24 hours before sowing in case of dry nursery and in case of wet nursery seeds should be treated with carbendizem @ 1 g/l of water bysoaking for 24 hrs and another 24 hrs for sprouting and the seeds should be sown in wet nurseries. Raise the nursery for transplanted kharif rice. 400 m2 area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m2 nursery area.

Maize: It is time for sowing of maize for green cob purpose under irrigated condition Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

VEGETABLES AND FRUITS:

- Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- 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.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- Rust** disease is likely to appear in **Cowpea**. Spay Chlorothalonil@2g/litre of water.
- Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

Fruit: Banana: Forleaf spot/sigatoka as a precautionary measure spray carbendizim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil @ 2.0 g/ litre of water. Drenching soil with Metiram 75% WG @1.5g/4 lit or carbendazim 12%+ mancozeb 63% @ 2g/lit to prevent Panama wilt.

Mango: Harvest the mature mango fruits during morning or evening hours. Keep the harvested fruits in shade to prevent from spongy tissue disease and heat.

Papaya: After rain due to water logging there may be increase in the infestation of **phytopthera crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr Ranjan Kumar Mohanta
(Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



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.-505
 Date- 21/06/2024

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 05mm and district received average 04 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 37.6°C (+2.98 from normal) and 27.28°C (+2.77 from normal), respectively.** The mean relative humidity was 70-82%.

Forecasted period: Today(8.30IST) to 26th June (8.30IST)2024

Weather advisory: *Moderate rain/Thundershower is forecasted for today and very light to light rain/Thundershower is forecasted for tomorrow to Tuesday 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 66-81% and 33-39% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	21/06/2024	22/06/2024	23/06/2024	24/06/2024	25/06/2024
Rainfall(mm)	11	6	4	3	8
T-Max(°C)	33	33	33	32	34
T-Min(°C)	26	26	27	27	26
Cloud Cover	7	5	6	7	8
RH Max (%)	66	81	70	73	77
RH Min (%)	35	33	39	39	36
Wind Speed (Kmph)	14	16	20	18	10
Wind Direction (deg)	208	180	201	204	199

Agromet Advisory

General advisory: **Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Kharif Rice.**

Kharif rice:

Sowing should be started soon after receive of good amount of early monsoon showers (75-100 mm in a week) where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 27 kg DAP and 20 kg MoP per acre during last ploughing. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed.

Transplanting rice:

After receive of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Farmers who are sowing paddy nurseries are advised to treat the seeds with carbendazim @ 3 g/kg seed followed by shade drying for 24 hours before sowing in case of dry nursery and in case of wet nursery seeds should be treated with carbendazim @ 1 g/l of water bysoaking for 24 hrs and another 24 hrs for sprouting and the seeds should be sown in wet nurseries. Raise the nursery for transplanted kharif rice. 400 m2 area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m2 nursery area.

Maize: It is time for sowing of maize for green cob purpose under irrigated condition Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

VEGETABLES AND FRUITS:

- **Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- 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.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

Fruit: Banana: Forleaf spot/sigatoka as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil @ 2.0 g / litre of water. Drenching soil with Metiram 75% WG @ 1.5g/4 lit or carbendazim 12%+ mancozeb 63% @ 2g/lit to prevent Panama wilt.

Mango: Harvest the mature mango fruits during morning or evening hours. Keep the harvested fruits in shade to prevent from spongy tissue disease and heat.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.





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.-505
Date- 21/06/2024

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 04mm and district received average 04 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 37.6°C (+2.98 from normal) and 27.28°C (+2.77 from normal), respectively.** The mean relative humidity was 70-82%.

Forecasted period: Today(8.30IST) to 26th June (8.30IST)2024

Weather advisory: Moderate rain/Thundershower is forecasted for today and very light to light rain/Thundershower is forecasted for tomorrow to Tuesday in the block. The day temperature will be 30-33°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-83% and 34-41% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	21/06/2024	22/06/2024	23/06/2024	24/06/2024	25/06/2024
Rainfall(mm)	11	6	4	3	8
T-Max(°C)	33	32	33	30	33
T-Min(°C)	26	26	27	26	25
Cloud Cover(octa)	7	5	6	7	8
RH Max (%)	65	81	70	72	83
RH Min (%)	35	34	38	41	36
Wind Speed (Kmph)	13	15	18	16	8
Wind Direction (deg)	208	167	198	203	199

Agromet Advisory

General advisory: Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice.

Kharif rice:

Sowing should be started soon after received of good amount of early monsoon showers (20mm per week) after 15-16 June where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 27 kg DAP and 20 kg MoP per acre during last ploughing. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed.

Transplanting rice:

After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Farmers who are sowing paddy nurseries are advised to treat the seeds with carbendazim @ 3 g/kg seed followed by shade drying for 24 hours before sowing in case of dry nursery and in case of wet nursery seeds should be treated with carbendazim @ 1 g/l of water by soaking for 24 hrs and another 24 hrs for sprouting and the seeds should be sown in wet nurseries. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

Suagrcane:

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.

VEGETABLES AND FRUITS:

- **Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- 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.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

Fruit: Banana: For leaf spot/sigatoka as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil @ 2.0 g/ litre of water. Drenching soil with Metiram 75% WG @ 1.5g/4 lit or carbendazim 12%+ mancozeb 63% @ 2g/lit to prevent Panama wilt.

Mango: Harvest the mature mango fruits during morning or evening hours. Keep the harvested fruits in shade to prevent from spongy tissue disease and heat.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.





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.-505
Date- 21/06/2024

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 05mm and district received average 04 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.6°C (+2.98 from normal) and 27.28°C (+2.77 from normal), respectively. The mean relative humidity was 70-82%.

Forecasted period: Today(8.30IST) to 26th June (8.30IST)2024

Weather advisory: Moderate rain/Thundershower is forecasted for today and very light to light rain/Thundershower is forecasted for tomorrow to Tuesday in the block. The day temperature will be 32-35°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-80% and 34-41% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	21/06/2024	22/06/2024	23/06/2024	24/06/2024	25/06/2024
Rainfall(mm)	11	6	4	3	8
T-Max(°C)	32	33	33	33	35
T-Min(°C)	26	26	28	27	27
Cloud Cover(octa)	8	4	6	6	8
RH Max (%)	67	80	69	73	71
RH Min (%)	37	34	41	39	38
Wind Speed (Kmph)	15	17	22	20	11
Wind Direction (deg)	225	198	203	204	210

Agromet Advisory

General advisory: Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Kharif Rice.

Kharif rice:

Sowing should be started soon after received of good amount of early monsoon showers (20mm per week) after 15-16 June where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 27 kg DAP and 20 kg MoP per acre during last ploughing. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed.

Transplanting rice:

After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Farmers who are sowing paddy nurseries are advised to treat the seeds with carbendizem @3 g/kg seed followed by shade drying for 24 hours before sowing in case of dry nursery and in case of wet nursery seeds should be treated with carbendizem @ 1 g/l of water bysoaking for 24 hrs and another 24 hrs for sprouting and the seeds should be sown in wet nurseries. Raise the nursery for transplanted kharif rice. 400 m2 area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m2 nursery area.

Suagrcane:

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.

VEGETABLES AND FRUITS:

- Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- 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.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- Rust** disease is likely to appear in **Cowpea**. Spay Chlorothalonil@2g/litre of water.
- Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

Fruit: Banana: For leaf spot/sigatoka as a precautionary measure spray carbendizim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil @ 2.0 g / litre of water. Drenching soil with Metiram 75% WG @ 1.5g/4 lit or carbendazim 12%+ mancozeb 63% @ 2g/lit to prevent **Panama wilt**.

Mango: Harvest the mature mango fruits during morning or evening hours. Keep the harvested fruits in shade to prevent from spongy tissue disease and heat.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr Ranjan Kumar Mohanta
(Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



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.-505
Date- 21/06/2024

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 06mm and district received average 04 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.6°C (+2.98 from normal) and 27.28°C (+2.77 from normal), respectively. The mean relative humidity was 70-82%.

Forecasted period: Today(8.30IST) to 26th June (8.30IST)2024

Weather advisory: *Moderate rain/Thundershower is forecasted for today and very light to light rain/Thundershower is forecasted for tomorrow to Tuesday in the block.* The day temperature will be and it will be 31-34°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-80% and 36-42% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Mahanga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	21/06/2024	22/06/2024	23/06/2024	24/06/2024	25/06/2024
Rainfall(mm)	12	7	4	3	9
T-Max(°C)	34	33	34	31	34
T-Min(°C)	26	26	27	26	26
Cloud Cover(octal)	7	5	6	7	8
RH Max (%)	65	80	69	73	78
RH Min (%)	37	36	41	42	38
Wind Speed (Kmph)	15	16	20	17	9
Wind Direction (deg)	212	180	201	204	203

Agromet Advisory

General advisory: **Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice.**

Kharif rice:

Sowing should be started soon after received of good amount of early monsoon showers (20mm per week) after 15-16 June where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 27 kg DAP and 20 kg MoP per acre during last ploughing. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed.

Transplanting rice:

After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Farmers who are sowing paddy nurseries are advised to treat the seeds with carbendizem @3 g/kg seed followed by shade drying for 24 hours before sowing in case of dry nursery and in case of wet nursery seeds should be treated with carbendizem @ 1 g/l of water bysoaking for 24 hrs and another 24 hrs for sprouting and the seeds should be sown in wet nurseries. Raise the nursery for transplanted kharif rice. 400 m2 area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m2 nursery area.

Suagrcane:

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.

VEGETABLES AND FRUITS:

- **Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- 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.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Rust** disease is likely to appear in **Cowpea**. Spay Chlorothalonil@2g/litre of water.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

Fruit: Banana:Forleaf **spot/sigatoka** as a precautionary measure spray carbendizim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil@ 2.0 g/ litre of water.Drenching soil with Metiram 75% WG @1.5g/4 lit or carbendazim 12%+ mancozeb 63% @ 2g/lit to prevent **Panama wilt**.

Mango:Harvest the mature mango fruits during morning or evening hours. Keep the harvested fruits in shade to prevent from spongy tissue disease and heat.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr Ranjan Kumar Mohanta
(Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



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.-505
Date- 21/06/2024

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 06mm and district received average 04 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 37.6°C (+2.98 from normal) and 27.28°C (+2.77 from normal), respectively.** The mean relative humidity was 70-82%.

Forecasted period: Today(8.30IST) to 26th June (8.30IST)2024

Weather advisory: Moderate rain/Thundershower is forecasted for today and very light to light rain/Thundershower is forecasted for tomorrow to Tuesday in the block. The day temperature will be 32-36°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-83% and 31-35% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	21/06/2024	22/06/2024	23/06/2024	24/06/2024	25/06/2024
Rainfall(mm)	11	7	4	3	8
T-Max(°C)	32	34	36	33	35
T-Min(°C)	23	25	25	26	24
Cloud Cover(octa)	7	6	6	7	8
RH Max (%)	69	79	66	66	83
RH Min (%)	31	34	35	35	31
Wind Speed (Kmph)	6	8	8	8	5
Wind Direction (deg)	236	155	198	197	117

Agromet Advisory

General advisory: Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Kharif Rice.

Kharif rice:

Sowing should be started soon after receive of good amount of early monsoon showers (75-100 mm in a week) where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 27 kg DAP and 20 kg MoP per acre during last ploughing. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed.

Transplanting rice:

After receive of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Farmers who are sowing paddy nurseries are advised to treat the seeds with carbendazim @3 g/kg seed followed by shade drying for 24 hours before sowing in case of dry nursery and in case of wet nursery seeds should be treated with carbendazim @ 1 g/l of water bysoaking for 24 hrs and another 24 hrs for sprouting and the seeds should be sown in wet nurseries. Raise the nursery for transplanted kharif rice. 400 m2 area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m2 nursery area.

Maize: It is time for sowing of maize for green cob purpose under irrigated condition Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

VEGETABLES AND FRUITS:

- **Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- 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.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

Fruit: Banana: Forleaf spot/sigatoka as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil@ 2.0 g/ litre of water. Drenching soil with Metiram 75% WG @1.5g/4 lit or carbendazim 12%+ mancozeb 63% @ 2g/lit to prevent **Panama wilt**.

Mango: Harvest the mature mango fruits during morning or evening hours. Keep the harvested fruits in shade to prevent from spongy tissue disease and heat.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr Ranjan Kumar Mohanta
(Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



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.-505
 Date- 21/06/2024

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 0.3mm and district received average 04 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 37.6°C (+2.98 from normal) and 27.28°C (+2.77 from normal), respectively.** The mean relative humidity was 70-82%.

Forecasted period: Today(8.30IST) to 26th June (8.30IST)2024

Weather advisory: Moderate rain/Thundershower is forecasted for today and very light to light rain/Thundershower is forecasted for tomorrow to Tuesday in the block. The day temperature will be 33-36°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-80% and 37-44% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	21/06/2024	22/06/2024	23/06/2024	24/06/2024	25/06/2024
Rainfall(mm)	11	6	4	3	8
T-Max(°C)	33	34	34	33	36
T-Min(°C)	27	27	28	27	28
Cloud Cover(octa)	7	5	6	6	8
RH Max (%)	68	80	70	74	69
RH Min (%)	39	37	44	42	41
Wind Speed(Kmph)	16	18	24	22	12
Wind Direction(deg)	212	201	203	204	205

Agromet Advisory

General advisory: Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice.

Kharif rice:

Sowing should be started soon after received of good amount of early monsoon showers (20mm per week) after 15-16 June where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 27 kg DAP and 20 kg MoP per acre during last ploughing. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed.

Transplanting rice:

After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Farmers who are sowing paddy nurseries are advised to treat the seeds with carbendizem @3 g/kg seed followed by shade drying for 24 hours before sowing in case of dry nursery and in case of wet nursery seeds should be treated with carbendizem @ 1 g/l of water bysoaking for 24 hrs and another 24 hrs for sprouting and the seeds should be sown in wet nurseries. Raise the nursery for transplanted kharif rice. 400 m2 area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m2 nursery area.

Suagrcane:

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.

VEGETABLES AND FRUITS:

- **Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- 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.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Rust** disease is likely to appear in **Cowpea**. Spay Chlorothalonil@2g/litre of water.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

Fruit: Banana: For leaf spot/sigatoka as a precautionary measure spray carbendizim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil @ 2.0 g/ litre of water. Drenching soil with Metiram 75% WG @1.5g/4 lit or carbendazim 12%+ mancozeb 63% @ 2g/lit to prevent **Panama wilt**.

Mango: Harvest the mature mango fruits during morning or evening hours. Keep the harvested fruits in shade to prevent from spongy tissue disease and heat.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.





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.-505
Date- 21/06/2024

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 04mm and district received average 04 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 37.6°C (+2.98 from normal) and 27.28°C (+2.77 from normal), respectively.** The mean relative humidity was 70-82%.

Forecasted period: Today(8.30IST) to 26th June (8.30IST)2024

Weather advisory: Moderate rain/Thundershower is forecasted for today and very light to light rain/Thundershower is forecasted for tomorrow to Tuesday 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 66-80% and 35-41% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	21/06/2024	22/06/2024	23/06/2024	24/06/2024	25/06/2024
Rainfall(mm)	11	6	4	3	8
T-Max(°C)	34	32	34	32	34
T-Min(°C)	26	26	27	27	26
Cloud Cover(octa)	7	4	6	7	8
RH Max (%)	66	80	69	73	76
RH Min (%)	37	35	41	41	38
Wind Speed (Kmph)	15	17	21	18	9
Wind Direction (deg)	212	198	201	204	203

Agromet Advisory

General advisory: Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Kharif Rice.

Kharif rice:

Sowing should be started soon after received of good amount of early monsoon showers (20mm per week) after 15-16 June where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 27 kg DAP and 20 kg MoP per acre during last ploughing. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed.

Transplanting rice:

After received of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Farmers who are sowing paddy nurseries are advised to treat the seeds with carbendizem @3 g/kg seed followed by shade drying for 24 hours before sowing in case of dry nursery and in case of wet nursery seeds should be treated with carbendizem @ 1 g/l of water bysoaking for 24 hrs and another 24 hrs for sprouting and the seeds should be sown in wet nurseries. Raise the nursery for transplanted kharif rice. 400 m2 area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m2 nursery area.

Suagrcane:

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.

VEGETABLES AND FRUITS:

- Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- 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.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- Rust** disease is likely to appear in **Cowpea**. Spay Chlorothalonil@2g/litre of water.
- Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

Fruit: Banana: For leaf spot/sigatoka as a precautionary measure spray carbendizim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil@ 2.0 g/ litre of water. Drenching soil with Metiram 75% WG @1.5g/4 lit or carbendazim 12%+ mancozeb 63% @ 2g/lit to prevent **Panama wilt**.

Mango: Harvest the mature mango fruits during morning or evening hours. Keep the harvested fruits in shade to prevent from spongy tissue disease and heat.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr Ranjan Kumar Mohanta
(Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



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.-505
Date- 21/06/2024

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 05mm and district received average 04 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 37.6°C (+2.98 from normal) and 27.28°C (+2.77 from normal), respectively.** The mean relative humidity was 70-82%.

Forecasted period: Today(8.30IST) to 26th June (8.30IST)2024

Weather advisory: Moderate rain/Thundershower is forecasted for today and very light to light rain/Thundershower is forecasted for tomorrow to Tuesday in the block. The day temperature will be 31-34°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-80% and 35-41% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	21/06/2024	22/06/2024	23/06/2024	24/06/2024	25/06/2024
Rainfall(mm)	11	6	4	3	8
T-Max(°C)	34	32	33	31	34
T-Min(°C)	26	26	27	27	26
Cloud Cover(octa)	7	5	6	7	8
RH Max (%)	66	80	69	73	78
RH Min (%)	37	35	40	41	38
Wind Speed (Kmph)	15	16	20	18	9
Wind Direction (deg)	212	180	201	204	206

Agromet Advisory

General advisory: Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice.

Kharif rice:

Sowing should be started soon after receive of good amount of early monsoon showers (75-100 mm in a week) where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 27 kg DAP and 20 kg MoP per acre during last ploughing. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed.

Transplanting rice:

After receive of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Farmers who are sowing paddy nurseries are advised to treat the seeds with carbendizem @3 g/kg seed followed by shade drying for 24 hours before sowing in case of dry nursery and in case of wet nursery seeds should be treated with carbendizem @ 1 g/l of water bysoaking for 24 hrs and another 24 hrs for sprouting and the seeds should be sown in wet nurseries. Raise the nursery for transplanted kharif rice. 400 m2 area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m2 nursery area.

Maize: It is time for sowing of maize for green cob purpose under irrigated condition Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

VEGETABLES AND FRUITS:

- Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- 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.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- Rust** disease is likely to appear in **Cowpea**. Spay Chlorothalonil@2g/litre of water.
- Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

Fruit: Banana: For leaf spot/sigatoka as a precautionary measure spray carbendizim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil @ 2.0 g / litre of water. Drenching soil with Metiram 75% WG @ 1.5g/4 lit or carbendazim 12%+ mancozeb 63% @ 2g/lit to prevent **Panama wilt**.

Mango: Harvest the mature mango fruits during morning or evening hours. Keep the harvested fruits in shade to prevent from spongy tissue disease and heat.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr Ranjan Kumar Mohanta
(Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



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.-505
Date- 21/06/2024

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 01mm and district received average 04 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.6°C (+2.98 from normal) and 27.28°C (+2.77 from normal), respectively. The mean relative humidity was 70-82%.

Forecasted period: Today(8.30IST) to 26th June (8.30IST)2024

Weather advisory: Moderate rain/Thundershower is forecasted for today and very light to light rain/Thundershower is forecasted for tomorrow to Tuesday in the block. The day temperature will be 36-39°C and night temperature will be 30-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-81% and 44-53% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	21/06/2024	22/06/2024	23/06/2024	24/06/2024	25/06/2024
Rainfall(mm)	11	7	4	3	9
T-Max(°C)	37	38	36	37	39
T-Min(°C)	30	30	31	31	31
Cloud Cover(octa)	7	5	7	6	7
RH Max (%)	71	81	72	75	74
RH Min (%)	47	44	53	49	44
Wind Speed (Kmph)	19	21	25	25	14
Wind Direction (deg)	212	201	203	203	205

Agromet Advisory

General advisory: Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Kharif Rice.

Kharif rice:

Sowing should be started soon after receive of good amount of early monsoon showers (75-100 mm in a week) where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 27 kg DAP and 20 kg MoP per acre during last ploughing. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed.

Transplanting rice:

After receive of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Farmers who are sowing paddy nurseries are advised to treat the seeds with carbendizem @3 g/kg seed followed by shade drying for 24 hours before sowing in case of dry nursery and in case of wet nursery seeds should be treated with carbendizem @ 1 g/l of water bysoaking for 24 hrs and another 24 hrs for sprouting and the seeds should be sown in wet nurseries. Raise the nursery for transplanted kharif rice. 400 m2 area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m2 nursery area.

Maize: It is time for sowing of maize for green cob purpose under irrigated condition Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

VEGETABLES AND FRUITS:

- Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- 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.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

Fruit: Banana: For leaf spot/sigatoka as a precautionary measure spray carbendizim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil@ 2.0 g/ litre of water. Drenching soil with Metiram 75% WG @1.5g/4 lit or carbendazim 12%+ mancozeb 63% @ 2g/lit to prevent **Panama wilt**.

Mango: Harvest the mature mango fruits during morning or evening hours. Keep the harvested fruits in shade to prevent from spongy tissue disease and heat.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr Ranjan Kumar Mohanta
(Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



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.-505
Date- 21/06/2024

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 04mm and district received average 04 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.6°C (+2.98 from normal) and 27.28°C (+2.77 from normal), respectively. The mean relative humidity was 70-82%.

Forecasted period: Today(8.30IST) to 26th June (8.30IST)2024

Weather advisory: Moderate rain/Thundershower is forecasted for today and very light to light rain/Thundershower is forecasted for tomorrow to Tuesday in the block. The day temperature will be 32-34°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-82% and 33-40% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	21/06/2024	22/06/2024	23/06/2024	24/06/2024	25/06/2024
Rainfall(mm)	11	7	4	3	8
T-Max(°C)	33	33	33	32	34
T-Min(°C)	25	25	26	26	24
Cloud Cover(octa)	7	6	6	7	8
RH Max (%)	69	81	67	70	82
RH Min (%)	33	34	37	40	34
Wind Speed (Kmph)	10	13	14	13	8
Wind Direction (deg)	210	159	199	200	162

Agro met Advisory

General advisory: Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Kharif Rice.

Kharif rice:

Sowing should be started soon after receive of good amount of early monsoon showers (75-100 mm in a week) where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 27 kg DAP and 20 kg MoP per acre during last ploughing. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed.

Transplanting rice:

After receive of sufficient rainfall, farmers are advised for sowing of dhanicha seeds @ 12 kg/acre prior to the transplanting of paddy so that the dhanicha crop will be 3-4 weeks old before 10-15 days of transplanting of rice. Apply all phosphatic fertilizers of Kharif rice to this green manuring crop in advance. Farmers who are sowing paddy nurseries are advised to treat the seeds with carbendizem @ 3 g/kg seed followed by shade drying for 24 hours before sowing in case of dry nursery and in case of wet nursery seeds should be treated with carbendizem @ 1 g/l of water bysoaking for 24 hrs and another 24 hrs for sprouting and the seeds should be sown in wet nurseries. Raise the nursery for transplanted kharif rice. 400 m² area is required for one acre land. Prepare a 3 feet width and 6 inch raised bed with suitable length keeping 1 feet between two beds for irrigation and drainage. 40 baskets of FYM, 12 kg SSP and 2 kg MoP is required for 400 m² nursery area.

Maize: It is time for sowing of maize for green cob purpose under irrigated condition Grow high yielding varieties like Navjot, Shakti, Decan-107, Decan-109, Use 6 kg seeds/acre. Apply one third of N and all P & K of the recommended dose of 50:24:24 kg. NPK/acre. Sow the seeds in lines with spacing of 45-60X20 cm at 5 cm soil depth.

VEGETABLES AND FRUITS:

- Fruit and shoot borer** in **Brinjal**- Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@300g/acre at 15 days interval.
- 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.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- Rust** disease is likely to appear in **Cowpea**. Spray Chlorothalonil@2g/litre of water.
- Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

Fruit: Banana: For leaf spot/sigatoka as a precautionary measure spray carbendizim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil@ 2.0 g/ litre of water. Drenching soil with Metiram 75% WG @1.5g/4 lit or carbendazim 12%+ mancozeb 63% @ 2g/lit to prevent **Panama wilt**.

Mango: Harvest the mature mango fruits during morning or evening hours. Keep the harvested fruits in shade to prevent from spongy tissue disease and heat.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal Husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination. Keep the animal shed clean and dry.

Dr Ranjan Kumar Mohanta
(Nodal officer)



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



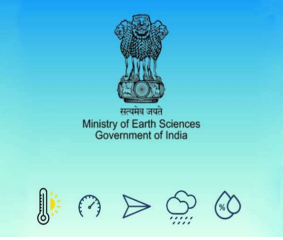
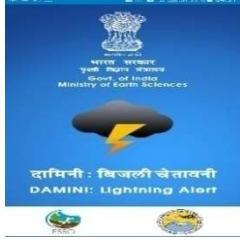

Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427




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.-505
Date- 21/06/2024

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

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

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

