



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.-411
Date- 23/06/2023

STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p align="center">Standardised Precipitation Index for the period 25th May to 21st June 2023</p>	<p align="center">NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 24 (11.06.2023 to 17.06.2023) over Agricultural region</p> <p align="center">Odisha</p> <p align="center">Agriculture vigour is moderate over the state.</p>
<p>As per SPI value (cumulative 4weeks -25May to 21 June 2023), Mildly dry condition was there in Cuttack district.</p>	<p>According to NDVI map (11.06.2023 to 17.06.2023) the agriculture vigor was moderate over isolated places of Narsinghpur, Banki-dampada, Badambaa, Athgad blocks of Cuttack district and very light over other places of other blocks.</p>

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

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

Dr Sujata Sethy
 (Nodal officer)



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Debasish Jena
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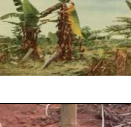



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Weather (Past and Forecasted) based Disease and pest in Major Crops and vegetables

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

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Bulletin No.-411

Date- 23/06/2023

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

The block received average 3mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.42°C(+4.17°C from normal)** and **27.42°C(+3°C from normal)**, respectively. Mean relative humidity of the district was around 65-72%.

Forecasted period: Today(8.30IST) to 28th June (8.30IST)2023

Weather advisory: Moderate with isolated heavy rainfall/thundershower is forecasted for tomorrow and Sunday and moderate rainfall/thundershower is forecasted for other 3 days in the block. The day temperature will be 27-30°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-91% and 48-57% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Athagad(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/06/2023	24/06/2023	25/06/2023	26/06/2023	27/06/2023
Rainfall (mm)	20	40	30	25	18
T-Max (°C)	30	28	27	28	28
T-Min (°C)	25	26	26	27	26
Cloud Cover (octa)	8	8	8	8	8
RH Max (%)	91	81	80	72	77
RH Min (%)	48	57	56	50	53
Wind Speed (kmph)	12	9	9	11	12
Wind Direction (deg)	207	243	238	207	212

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**. 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 Sujata Sethy
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 0.3mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.42°C(+4.17°C from normal)** and **27.42°C(+3°C from normal)**, respectively. Mean relative humidity of the district was around 65-72%.

Forecasted period: Today(8.30IST) to 28th June(8.30IST)2023

Weather advisory: *Moderate with isolated heavy rainfall/thundershower is forecasted for tomorrow and Sunday and moderate rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be **27-30°C** and night temperature will be **24-25°C** for upcoming 5 days. Maximum and minimum relative humidity will be 74-90% and 51-61% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Badamba(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/06/2023	24/06/2023	25/06/2023	26/06/2023	27/06/2023
Rainfall(mm)	20	40	30	25	18
T-Max(°C)	30	27	27	28	28
T-Min(°C)	24	25	24	25	24
Cloud Cover(octa)	8	8	8	8	7
RH Max (%)	90	82	83	74	75
RH Min (%)	54	61	60	51	57
Wind Speed (Kmph)	10	7	8	11	12
Wind Direction (deg)	203	225	243	204	238

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 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: 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.

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(Nodal officer)



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Bulletin No.-411
Date- 23/06/2023

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.42°C(+4.17°C from normal)** and **27.42°C(+3°C from normal)**, respectively. Mean relative humidity of the district was around 65-72%.

Forecasted period: Today(8.30IST) to 28th June (8.30IST)2023

Weather advisory: *Moderate with isolated heavy rainfall/thundershower is forecasted for tomorrow and Sunday and moderate rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be 27-30°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-89% and 50-57% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/06/2023	24/06/2023	25/06/2023	26/06/2023	27/06/2023
Rainfall(mm)	20	40	30	25	18
T-Max(°C)	30	28	27	29	29
T-Min(°C)	25	26	25	26	25
Cloud Cover(octa)	8	8	8	8	7
RH Max (%)	89	81	80	70	74
RH Min (%)	50	57	55	50	52
Wind Speed (Kmph)	11	8	9	13	13
Wind Direction (deg)	205	240	243	207	212

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 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.

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:

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- 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.

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Bulletin No.-411

Date- 23/06/2023

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 0.3mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.42°C(+4.17°C from normal)** and **27.42°C(+3°C from normal)**, respectively. Mean relative humidity of the district was around 65-72%.

Forecasted period: Today(8.30IST) to 28th June(8.30IST)2023

Weather Advisory: *Moderate with isolated heavy rainfall/thundershower is forecasted for tomorrow and Sunday and moderate rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be **28-30°C** and night temperature will be **25-26°C** for upcoming 5 days. Maximum and minimum relative humidity will be 69-89% and 49-56% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/06/2023	24/06/2023	25/06/2023	26/06/2023	27/06/2023
Rainfall(mm)	20	40	30	25	18
T-Max(°C)	30	28	28	29	29
T-Min(°C)	25	26	25	26	25
Cloud Cover(octa)	8	8	8	8	7
RH Max (%)	89	80	80	69	74
RH Min (%)	50	56	55	49	52
Wind Speed (Kmph)	11	9	9	13	13
Wind Direction (deg)	205	240	243	207	212

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:

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Transplanting rice:

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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.

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Bulletin No.-411
Date- 23/06/2023

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 6mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was 38.42°C(+4.17°C from normal) and 27.42°C(+3°C from normal), respectively. Mean relative humidity of the district was around 65-72%.

Forecasted period: Today(8.30IST) to 28th June(8.30IST)2023

Weather advisory: Moderate with isolated heavy rainfall/thundershower is forecasted for tomorrow and Sunday and moderate rainfall/thundershower is forecasted for other 3 days in the block. The day temperature will be 29-31°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-88% and 44-50% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/06/2023	24/06/2023	25/06/2023	26/06/2023	27/06/2023
Rainfall(mm)	20	40	30	25	18
T-Max(°C)	31	29	29	29	29
T-Min(°C)	26	27	27	27	27
Cloud Cover	8	8	8	8	8
RH Max (%)	88	77	74	66	70
RH Min (%)	44	48	50	48	49
Wind Speed (Kmph)	14	11	11	15	16
Wind Direction (deg)	216	225	205	207	212

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 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.

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 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 Sujata Sethy
(Nodal officer)



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Debasish Jena
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GRAMIN KRISHIMAUSAM SEWA INDIA METEOROLOGICAL DEPARTMENT DISTRICT AGROMET UNIT KRISHI VIGYAN KENDRA CUTTACK

(A Unit of ICAR-National Rice Research Institute)

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

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR



Bulletin No.-411

Date- 23/06/2023

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

The block received average 5mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.42°C(+4.17°C from normal)** and **27.42°C(+3°C from normal)**, respectively. Mean relative humidity of the district was around 65-72%.

Forecasted period: Today(8.30IST) to 28th June (8.30IST)2023

Weather advisory: *Moderate with isolated heavy rainfall/thundershower is forecasted for tomorrow and Sunday and moderate rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be **28-30°C** and night temperature will be **26-27°C** for upcoming 5 days. Maximum and minimum relative humidity will be 69-90% and 45-54% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/06/2023	24/06/2023	25/06/2023	26/06/2023	27/06/2023
Rainfall(mm)	20	40	30	25	18
T-Max(°C)	30	28	28	28	28
T-Min(°C)	26	26	27	27	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	90	79	77	69	75
RH Min (%)	45	52	54	49	50
Wind Speed (Kmph)	14	11	10	13	14
Wind Direction (deg)	216	207	216	207	212

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 carbendizim @ 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 carbendizim @ 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**. 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 Sujata Sethy
(Nodal officer)



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Debasish Jena

SMS (Agrometeorology)

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GRAMIN KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)



Bulletin No.-411
Date- 23/06/2023

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

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 4mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.42°C(+4.17°C from normal)** and **27.42°C(+3°C from normal)**, respectively. Mean relative humidity of the district was around 65-72%.

Forecasted period: Today(8.30IST) to 28th June (8.30IST)2023

Weather advisory: *Moderate with isolated heavy rainfall/thundershower is forecasted for tomorrow and Sunday and moderate rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be 29-32°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-85% and 46-48% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/06/2023	24/06/2023	25/06/2023	26/06/2023	27/06/2023
Rainfall(mm)	20	40	30	25	18
T-Max(°C)	32	31	29	29	31
T-Min(°C)	26	27	27	27	27
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	85	73	71	64	63
RH Min (%)	46	47	48	47	48
Wind Speed (Kmph)	16	12	13	18	19
Wind Direction (deg)	216	225	205	207	225

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.

Dr Sujata Sethy
(Nodal officer)



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

(A Unit of ICAR-National Rice Research Institute)

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AGROMET ADVISORY BULLETIN FOR MAHANGA



Bulletin No.-411

Date- 23/06/2023

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

The block received average 5mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.42°C(+4.17°C from normal)** and **27.42°C(+3°C from normal)**, respectively. Mean relative humidity of the district was around 65-72%.

Forecasted period: Today(8.30IST) to 28th June (8.30IST)2023

Weather advisory: *Moderate with isolated heavy rainfall/thundershower is forecasted for tomorrow and Sunday and moderate rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be and it will be **29-32°C** and night temperature will be **25-26°C** for upcoming 5 days. Maximum and minimum relative humidity will be 70-88% and 46-54% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/06/2023	24/06/2023	25/06/2023	26/06/2023	27/06/2023
Rainfall(mm)	20	40	30	25	18
T-Max(°C)	32	29	29	29	30
T-Min(°C)	25	26	26	26	26
Cloud Cover(octal)	8	8	8	8	8
RH Max (%)	88	78	77	70	71
RH Min (%)	46	54	52	50	49
Wind Speed (Kmph)	18	11	11	14	16
Wind Direction (deg)	216	225	207	204	212

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.

Dr Sujata Sethy
(Nodal officer)



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INDIA METEOROLOGICAL DEPARTMENT
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KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)



Bulletin No.-411
Date- 23/06/2023

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

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 4mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.42°C(+4.17°C from normal)** and **27.42°C(+3°C from normal)**, respectively. Mean relative humidity of the district was around 65-72%.

Forecasted period: Today(8.30IST) to 28th June (8.30IST)2023

Weather advisory: *Moderate with isolated heavy rainfall/thundershower is forecasted for tomorrow and Sunday and moderate rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be 27-31°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-91% and 47-62% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/06/2023	24/06/2023	25/06/2023	26/06/2023	27/06/2023
Rainfall(mm)	20	40	30	25	18
T-Max(°C)	31	27	28	29	27
T-Min(°C)	23	23	22	22	22
Cloud Cover(octa)	8	8	8	8	7
RH Max (%)	91	84	86	82	78
RH Min (%)	47	62	61	49	60
Wind Speed (Kmph)	7	5	5	7	9
Wind Direction (deg)	203	210	238	204	238

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 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.

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 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 Sujata Sethy
(Nodal officer)



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Bulletin No.-411
Date- 23/06/2023

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 1mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.42°C(+4.17°C from normal)** and **27.42°C(+3°C from normal)**, respectively. Mean relative humidity of the district was around 65-72%.

Forecasted period: Today(8.30IST) to 28th June (8.30IST)2023

Weather advisory: *Moderate with isolated heavy rainfall/thundershower is forecasted for tomorrow and Sunday and moderate rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be **31-33°C** and night temperature will be **26-28°C** for upcoming 5 days. Maximum and minimum relative humidity will be 63-84% and 47-49% 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)				
Date	23/06/2023	24/06/2023	25/06/2023	26/06/2023	27/06/2023
Rainfall(mm)	20	40	30	25	18
T-Max(°C)	32	32	31	31	33
T-Min(°C)	26	28	27	27	28
Cloud Cover(octa)	8	8	8	8	7
RH Max (%)	84	72	70	65	63
RH Min (%)	47	48	49	47	48
Wind Speed(Kmph)	16	13	16	21	21
Wind Direction(deg)	225	210	207	207	225

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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-411
Date- 23/06/2023

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

The block received average 2mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.42°C(+4.17°C from normal)** and **27.42°C(+3°C from normal)**, respectively. Mean relative humidity of the district was around 65-72%.

Forecasted period: Today(8.30IST) to 28th June (8.30IST)2023

Weather advisory: *Moderate with isolated heavy rainfall/thundershower is forecasted for tomorrow and Sunday and moderate rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be 29-32°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-87% and 45-52% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/06/2023	24/06/2023	25/06/2023	26/06/2023	27/06/2023
Rainfall(mm)	20	40	30	25	18
T-Max(°C)	32	30	29	29	30
T-Min(°C)	25	26	26	26	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	87	76	76	68	68
RH Min (%)	45	50	52	49	49
Wind Speed (Kmph)	18	11	12	15	17
Wind Direction (deg)	236	225	207	204	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 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.

Sugarcane:

For **Red rot and wilt disease**, spray the crop with Mancozeb 0.3% or carbendazim 0.1% or Azoxystrobin 18.2%SC/ Difenoconazole 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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-411
Date- 23/06/2023

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 3mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.42°C(+4.17°C from normal)** and **27.42°C(+3°C from normal)**, respectively. Mean relative humidity of the district was around 65-72%.

Forecasted period: Today(8.30IST) to 28th June(8.30IST)2023

Weather advisory: *Moderate with isolated heavy rainfall/thundershower is forecasted for tomorrow and Sunday and moderate rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be **28-32°C** and night temperature will be **25-27°C** for upcoming 5 days. Maximum and minimum relative humidity will be 68-88% and 45-53% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Salepur(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/06/2023	24/06/2023	25/06/2023	26/06/2023	27/06/2023
Rainfall(mm)	20	40	30	25	18
T-Max(°C)	32	30	29	28	30
T-Min(°C)	25	26	26	27	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	88	77	76	68	70
RH Min (%)	45	51	53	49	49
Wind Speed (Kmph)	17	11	11	15	16
Wind Direction (deg)	216	214	205	204	212

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 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: 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 Sujata Sethy
(Nodal officer)



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Bulletin No.-411

Date- 23/06/2023

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 7mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was 38.42°C(+4.17°C from normal) and 27.42°C(+3°C from normal), respectively. Mean relative humidity of the district was around 65-72%.

Forecasted period: Today(8.30IST) to 28th June (8.30IST)2023

Weather advisory: Moderate with isolated heavy rainfall/thundershower is forecasted for tomorrow and Sunday and moderate rainfall/thundershower is forecasted for other 3 days in the block. The day temperature will be 34-36°C and night temperature will be 28-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-82% and 48-56% 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)				
Date	23/06/2023	24/06/2023	25/06/2023	26/06/2023	27/06/2023
Rainfall(mm)	20	40	30	25	18
T-Max(°C)	36	36	34	35	35
T-Min(°C)	28	30	29	30	30
Cloud Cover(octa)	8	8	8	8	7
RH Max (%)	82	75	75	71	67
RH Min (%)	48	52	56	53	53
Wind Speed (Kmph)	20	15	20	24	24
Wind Direction (deg)	236	204	207	204	212

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 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.

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 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.

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Bulletin No.-411
Date- 23/06/2023

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 0.3mm and district received average 3mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.42°C(+4.17°C from normal)** and **27.42°C(+3°C from normal)**, respectively. Mean relative humidity of the district was around 65-72%.

Forecasted period: Today(8.30IST) to 28th June (8.30IST)2023

Weather advisory: *Moderate with isolated heavy rainfall/thundershower is forecasted for tomorrow and Sunday and moderate rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be **28-30°C** and night temperature will be **25-26°C** for upcoming 5 days. Maximum and minimum relative humidity will be 74-91% and 50-59% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/06/2023	24/06/2023	25/06/2023	26/06/2023	27/06/2023
Rainfall(mm)	20	40	30	25	18
T-Max(°C)	30	28	28	28	28
T-Min(°C)	25	25	25	26	25
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	91	82	81	74	77
RH Min (%)	50	59	58	51	57
Wind Speed (Kmph)	11	8	8	10	11
Wind Direction (deg)	203	240	243	204	212

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 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: 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 Sujata Sethy
(Nodal officer)



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APP for Lightening alert in your area



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 Date- 23/06/2023

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

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

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

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

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

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

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