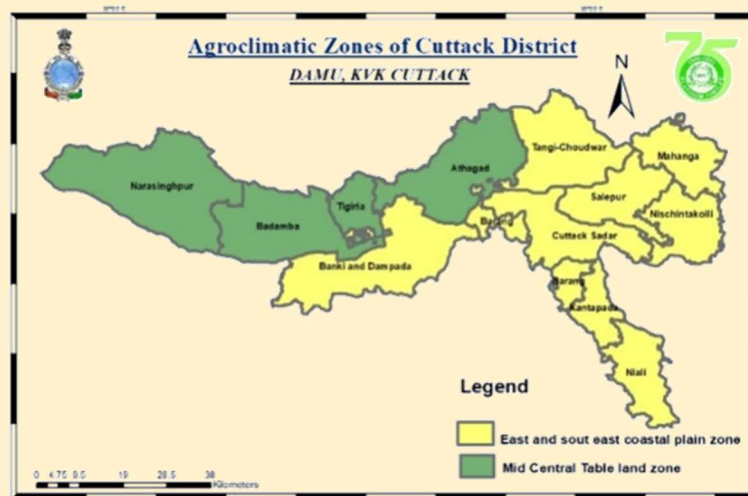




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Monday 13th June, 2022
(For the period 13th to 17th June, 2022)*



*Issued by
District Agromet Unit,
KrishiVigyan Kendra Cuttack*





GRAMIN KRISHI MAUSAM SEWA
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Bulletin No.-304
Date- 13/06/2022

STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p>Standardised Precipitation Index for the period 12th May 2022 to 08th June 2022</p> <p>MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CRS PUNE</p> <p>STANDARDIZED PRECIPITATION INDEX FOR THE PERIOD 12 MAY 2022 TO 08 JUN 2022</p> <p>SPI VALUES</p> <ul style="list-style-type: none"> -2.0 to -1.99 (Extremely Dry) -1.99 to -1.50 (Very Dry) -1.50 to -1.00 (Moderately Dry) -1.00 to -0.50 (Mildly Dry) -0.50 to 0.00 (Near Normal) 0.00 to 0.50 (Mildly Wet) 0.50 to 1.00 (Moderately Wet) 1.00 to 1.50 (Very Wet) 1.50 to 2.00 (Extremely Wet) > 2.00 (Extremely Wet) No Data 	<p>NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 22 (28.05.2022 to 03.06.2022) over Agricultural region</p> <p style="text-align: center;">Odisha</p> <p>Legend:</p> <ul style="list-style-type: none"> -0.9999 - 0 0 - 0.05 0.05 - 0.1 0.1 - 0.15 0.15 - 0.2 0.2 - 0.25 0.25 - 0.3 0.3 - 0.35 0.35 - 0.4 0.4 - 0.45 0.45 - 0.5 0.5 - 0.55 0.55 - 0.6 > 0.6 <p>Bare soil, rocks clouds, rain, snow, etc.</p> <p>Moderate</p> <p>Good</p> <p>Very good</p> <p>Agriculture vigour is moderate over few pockets of the state.</p>
<p>As per SPI value (cumulative 4weeks -12 May 2022 – 08June 2022), milddrycondition was there in Cuttack district.</p>	<p>According to NDVI map (28.05.2022 to 03.06.2022) the agriculture vigor was very light to light over most places of Cuttack district and light to moderate over isolated places of Badamba, Narasinghpur, Banki-dampada.</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

Dr Sujata Sethy
(Nodal officer)



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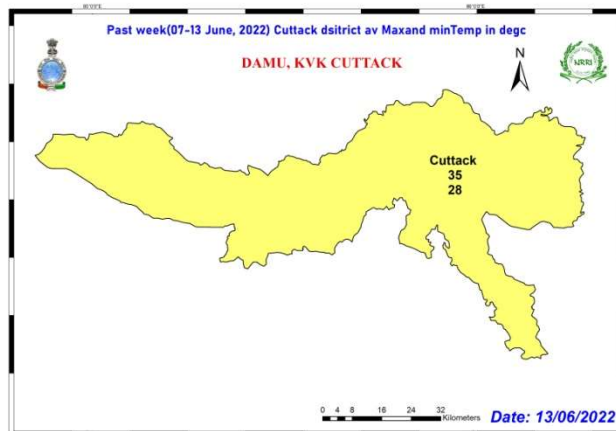
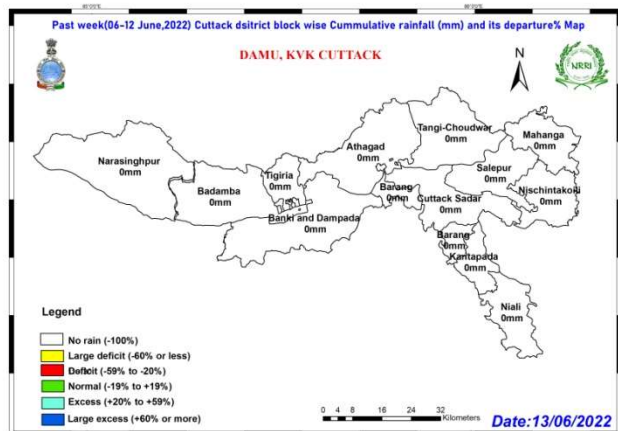


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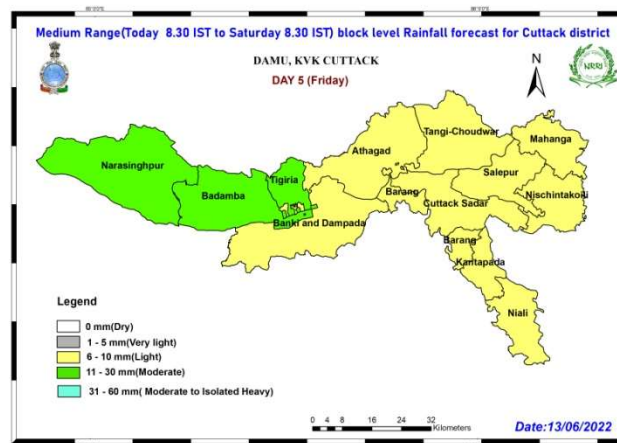
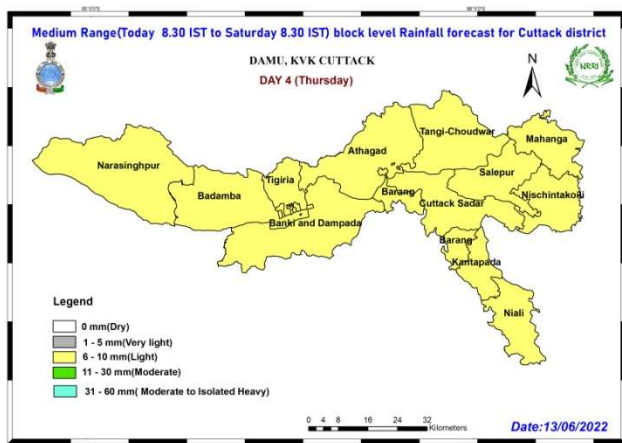
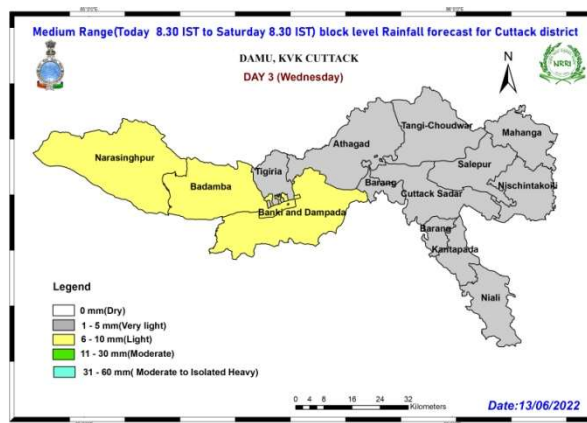
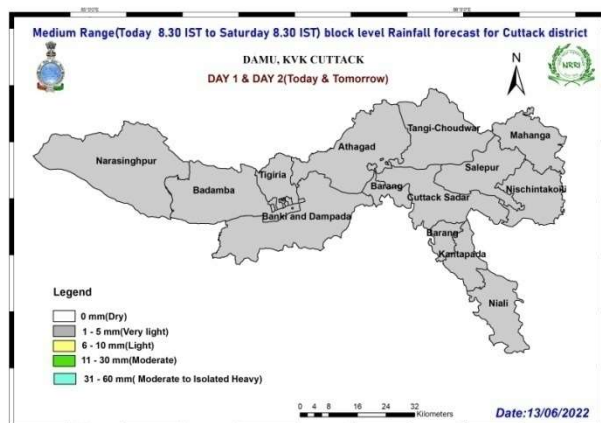


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Past week (03-09 June, 2022) cumulative rainfall departure% from normal and (04-10 June) average maximum and minimum temperature for Cuttack district



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



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Bulletin No.-304
Date- 13/06/2022

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (15-21 June 2022)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	-33.15	Below Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	0.31	Above Normal
	Minimum temperature	-0.13	Normal

General Agromet Advisory:- As there will be **below normal rainfall(light to moderate rainfall) in the subsequent week (15-21 June) in Odisha condition** farmers are advised to go for sowing of kharif paddy after receiving of sufficient amount of rainfall in the subsequent week.

Updated Long range forecast for the 2021 South-west Monsoon seasonal rainfall and Monthly Rainfall
Forecast for June 2022

- Southwest monsoon seasonal (June to September) rainfall over the country **as a whole is most likely to be normal (96 to 104 % of Long Period Average (LPA))**.
- Quantitatively, the monsoon seasonal (June to September) rainfall over the country as a whole is likely to be 103% of the Long Period Average (LPA) with a model error of $\pm 4\%$. The LPA of the seasonal rainfall over the country as a whole based on data of 1971-2020 is 87 cm.
- As per probabilistic forecast of rainfall, there will be **below normal rainfall during Monsoon season** and **above normal rainfall during June month** in Odisha condition.
- *Hence Farmers should prepare the crop plan depending upon the land type, soil fertility and Variety availability, irrigation facility.*
- *Farmers may prefer short to medium duration rice variety for this kharif season and may avoid upland rice cultivation.*

Tercile probability rainfall forecast for 2022 southwest monsoon season

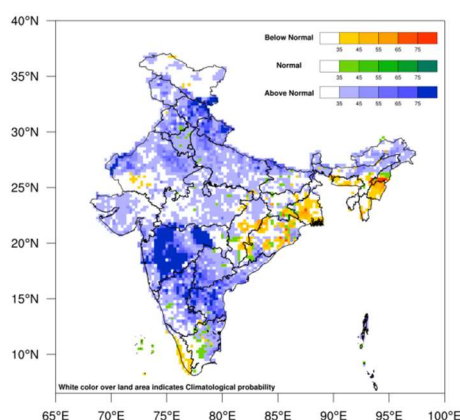


Fig.1. Updated Probability forecast of tercile categories* (below normal, normal, and above normal) of rainfall over India during monsoon season (June -September), 2022. The figure illustrates the most likely categories as well as their probabilities. The white shaded areas within the land area represent climatological probabilities.

*Tercile categories have equal climatological probabilities of 33.33% each.

probability rainfall forecast for 2022 JUN

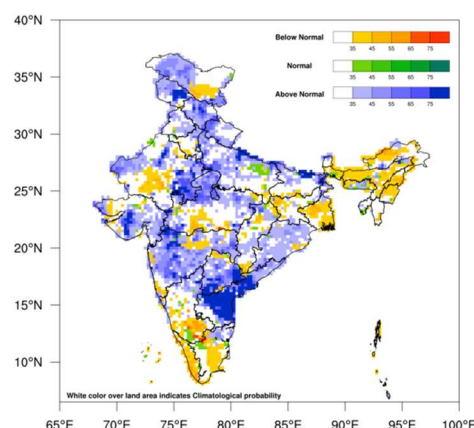


Fig.2. Probability forecast of tercile categories* (below normal, normal, and above normal) of rainfall over India during June 2022. The figure illustrates the most likely categories as well as their probabilities. The white shaded areas within the land area represent climatological probabilities.

*Tercile categories have equal climatological probabilities of 33.33% each.

Dr Sujata Sethy
(Nodal officer)



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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
				White fly
2	Jute	Sowing		Weed
3	Brinjal	Fruiting		Phomopsis Blight
				Fruit and shoot borer
4	Tomato	Fruiting		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

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				Panama wilt
9	Papaya	Fruting		phytophthora crown rot or foot rot

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Bulletin No.-304
Date- 13/06/2022

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.2°C (-0.82°C from normal) and 27.5°C(+2.55°C from normal), respectively. Mean relative humidity was around 73-80%.

Forecasted period: Today(8.30IST) to 18th June (8.30IST)2022

Weather advisory: *Very light rainfall is forecasted for today to Wednesday and light rainfall/thundershower is forecasted for other 2 days in the block.* The day temperature will be 29-36°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-71% and 25-37% 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	13/06/2022	14/06/2022	15/06/2022	16/06/2022	17/06/2022
Rainfall (mm)	1	2	5	7	9
T-Max (°C)	32	36	31	30	29
T-Min (°C)	27	28	28	28	28
Cloud Cover (octa)	5	7	8	8	8
RH Max (%)	71	64	71	71	70
RH Min (%)	27	25	28	37	36
Wind Speed (kmph)	14	15	21	24	15
Wind Direction (deg)	205	205	201	203	203

Agromet Advisory

General advisory: As per IMD conditions are suitable for advancement of SW monsoon in to some part of South Odisha in subsequent 2 days. So farmers should be ready with their kharif rice variety to sow them after receipt of 20 mm rainfall per week and they should prepare their main land and nursery before that by utilizing pre monsoon shower.

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 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.-304
Date- 13/06/2022

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.2°C (-0.82°C from normal) and 27.5°C(+2.55°C from normal), respectively. Mean relative humidity was around 73-80%.

Forecasted period: Today(8.30IST) to 18th June (8.30IST)2022

Weather advisory: *Very light rainfall is forecasted for today and tomorrow and light to moderate rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be 29-35°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-70% and 25-35% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	13/06/2022	14/06/2022	15/06/2022	16/06/2022	17/06/2022
Rainfall(mm)	1	2	6	9	12
T-Max(°C)	31	35	31	31	29
T-Min(°C)	27	27	27	28	27
Cloud Cover(octa)	5	7	8	8	8
RH Max (%)	70	61	68	69	68
RH Min (%)	28	25	27	32	35
Wind Speed (Kmph)	11	13	17	19	12
Wind Direction (deg)	198	200	198	201	203

Agromet Advisory

General advisory: As per IMD conditions are suitable for advancement of SW monsoon in to some part of South Odisha in subsequent 2 days. So farmers should be ready with their kharif rice variety to sow them after receipt of 20 mm rainfall per week and they should prepare their main land and nursery before that by utilizing pre monsoon shower.

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.

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**.

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Date- 13/06/2022

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.2°C (-0.82°C from normal) and 27.5°C(+2.55°C from normal), respectively. Mean relative humidity was around 73-80%.

Forecasted period: Today(8.30IST) to 18th June (8.30IST)2022

Weather advisory:: *Very light rainfall is forecasted for today and tomorrow and light rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be 30-36°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-72% and 27-37% 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	13/06/2022	14/06/2022	15/06/2022	16/06/2022	17/06/2022
Rainfall(mm)	1	5	9	7	8
T-Max(°C)	31	36	31	30	30
T-Min(°C)	27	27	28	28	28
Cloud Cover(octa)	5	7	8	8	8
RH Max (%)	72	63	71	71	69
RH Min (%)	28	27	30	37	35
Wind Speed (Kmph)	14	15	21	24	17
Wind Direction (deg)	205	205	201	203	203

Agromet Advisory

General advisory: As per IMD conditions are suitable for advancement of SW monsoon in to some part of South Odisha in subsequent 2 days. So farmers should be ready with their kharif rice variety to sow them after receipt of 20 mm rainfall per week and they should prepare their main land and nursery before that by utilizing pre monsoon shower.

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.

Maize:

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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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Bulletin No.-304
Date- 13/06/2022

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.2°C (-0.82°C from normal) and 27.5°C(+2.55°C from normal), respectively. Mean relative humidity was around 73-80%.

Forecasted period: Today(8.30IST) to 18th June (8.30IST)2022

Weather Advisory: Very light rainfall is forecasted for today and tomorrow and light rainfall/thundershower is forecasted for other 3 days in the block. The day temperature will be 30-36°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-72% and 28-38% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	13/06/2022	14/06/2022	15/06/2022	16/06/2022	17/06/2022
Rainfall(mm)	2	5	8	7	8
T-Max(°C)	32	36	31	30	30
T-Min(°C)	27	27	28	28	28
Cloud Cover(octa)	5	7	8	8	8
RH Max (%)	72	64	72	71	70
RH Min (%)	28	28	30	38	36
Wind Speed (Kmph)	14	15	21	24	18
Wind Direction (deg)	205	205	201	203	203

Agromet Advisory

General advisory: As per IMD conditions are suitable for advancement of SW monsoon in to some part of South Odisha in subsequent 2 days. So farmers should be ready with their kharif rice variety to sow them after receipt of 20 mm rainfall per week and they should prepare their main land and nursery before that by utilizing pre monsoon shower.

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 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 Sujata Sethy
(Nodal officer)



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Bulletin No.-304
Date- 13/06/2022

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.2°C (-0.82°C from normal) and 27.5°C(+2.55°C from normal), respectively. Mean relative humidity was around 73-80%.

Forecasted period: Today(8.30IST) to 18th June (8.30IST)2022

Weatheradvisory: Very light rainfall is forecasted for today to Wednesday and light rainfall/thundershower is forecasted for other 2days in the block. The day temperature will be 29-36°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-74% and 27-46% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	13/06/2022	14/06/2022	15/06/2022	16/06/2022	17/06/2022
Rainfall(mm)	2	3	4	6	6
T-Max(°C)	32	36	32	29	31
T-Min(°C)	28	27	28	28	28
Cloud Cover	6	7	7	8	8
RH Max (%)	73	71	74	72	72
RH Min (%)	27	31	32	46	39
Wind Speed (Kmph)	18	19	25	28	24
Wind Direction (deg)	205	204	201	203	203

Agromet Advisory

Generaladvisory: As per IMD conditions are suitable for advancement of SW monsoon in to some part of South Odisha in subsequent 2 days. So farmers should be ready with their kharif rice variety to sow them after receipt of 20 mm rainfall per week and they should prepare their main land and nursery before that by utilizing pre monsoon shower.

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.

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 Sujata Sethy
(Nodal officer)



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Bulletin No.-304
Date- 13/06/2022

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.2°C (-0.82°C from normal) and 27.5°C(+2.55°C from normal), respectively. Mean relative humidity was around 73-80%.

Forecasted period: Today(8.30IST) to 18th June (8.30IST)2022

Weather advisory: *Very light rainfall is forecasted for today to Wednesday and light rainfall/thundershower is forecasted for other 2 days in the block.* The day temperature will be 29-35°C and night temperature will be 28°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-73% and 26-42% 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	13/06/2022	14/06/2022	15/06/2022	16/06/2022	17/06/2022
Rainfall(mm)	1	2	3	6	7
T-Max(°C)	32	35	32	29	30
T-Min(°C)	28	28	28	28	28
Cloud Cover(octa)	5	7	7	8	8
RH Max (%)	72	68	73	71	71
RH Min (%)	26	27	29	42	38
Wind Speed (Kmph)	17	18	23	27	20
Wind Direction (deg)	205	207	201	203	204

Agromet Advisory

General advisory: As per IMD conditions are suitable for advancement of SW monsoon in to some part of South Odisha in subsequent 2 days. So farmers should be ready with their kharif rice variety to sow them after receipt of 20 mm rainfall per week and they should prepare their main land and nursery before that by utilizing pre monsoon shower.

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 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.

Sugarcane: 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. weather is conducive for temperatures between 29-35 degree Celsius, humidity 60-70 %; this may favour the growth of Whiteflies in sugarcane; provide irrigation which facilitates the 12 soil moisture and reduces the multiplication; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyriphos @ 2.5ml/litre water.

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 Sujata Sethy
(Nodal officer)



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Bulletin No.-304
Date- 13/06/2022

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.2°C (-0.82°C from normal) and 27.5°C(+2.55°C from normal), respectively. Mean relative humidity was around 73-80%.

Forecasted period: Today(8.30IST) to 18th June (8.30IST)2022

Weather advisory: *Very light rainfall is forecasted for today to Wednesday and light rainfall/thundershower is forecasted for other 2 days in the block.* The day temperature will be 28-35°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-75% and 28-52% 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	13/06/2022	14/06/2022	15/06/2022	16/06/2022	17/06/2022
Rainfall(mm)	1	2	4	6	6
T-Max(°C)	33	35	32	28	31
T-Min(°C)	28	27	28	28	28
Cloud Cover(octa)	6	6	6	8	8
RH Max (%)	75	74	75	73	73
RH Min (%)	28	35	37	52	42
Wind Speed (Kmph)	20	21	27	29	28
Wind Direction (deg)	204	204	201	203	203

Agromet Advisory

General advisory: As per IMD conditions are suitable for advancement of SW monsoon in to some part of South Odisha in subsequent 2 days. So farmers should be ready with their kharif rice variety to sow them after receipt of 20 mm rainfall per week and they should prepare their main land and nursery before that by utilizing pre monsoon shower.

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 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. weather is conducive for temperatures between 29-35 degree Celsius, humidity 60-70 %; this may favour the growth of Whiteflies in sugarcane; provide irrigation which facilitates the 12 soil moisture and reduces the multiplication; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyrifos @ 2.5ml/litre water.

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 Sujata Sethy
(Nodal officer)



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Bulletin No.-304
Date- 13/06/2022

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.2°C (-0.82°C from normal) and 27.5°C(+2.55°C from normal), respectively. Mean relative humidity was around 73-80%.

Forecasted period: Today(8.30IST) to 18th June (8.30IST)2022

Weatheradvisory: *Very light rainfall is forecasted for today to Wednesday and light rainfall/thundershower is forecasted for other 2days in the block.* The day temperature will be and it will be 29-35°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-74% and 27-47% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Mahanga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	13/06/2022	14/06/2022	15/06/2022	16/06/2022	17/06/2022
Rainfall(mm)	1	1	3	7	9
T-Max(°C)	33	35	33	29	31
T-Min(°C)	27	27	28	27	27
Cloud Cover(octal)	6	7	7	8	8
RH Max (%)	72	69	73	71	74
RH Min (%)	27	29	31	47	41
Wind Speed (Kmph)	19	20	25	28	20
Wind Direction (deg)	205	207	201	203	206

Agromet Advisory

Generaladvisory: As per IMD conditions are suitable for advancement of SW monsoon in to some part of South Odisha in subsequent 2 days. So farmers should be ready with their kharif rice variety to sow them after receipt of 20 mm rainfall per week and they should prepare their main land and nursery before that by utilizing pre monsoon shower.

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.

Jute: The weather is optimum for Jute sowing. Before sowing seeds are to be treated with 2 g Carbendazim or 3 g Thiram/kg seeds to avoid root and stem rot. In Jute field, spray neem oil 10,000ppm @ 3ml/litre of water with sticker or Chlorpyrifos 50 EC @ 2ml/litre of water in the evening hour for preventive measure; **drain out excess water from field.** Realised rain will aggravate **weed problem** in early sown crop. To control grass weeds, apply Quizalofop-pethyl@2ml/litre of water at 2-3 leaf stage of weeds

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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Bulletin No.-304
Date- 13/06/2022

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.2°C (-0.82°C from normal) and 27.5°C(+2.55°C from normal), respectively. Mean relative humidity was around 73-80%.

Forecasted period: Today(8.30IST) to 18th June (8.30IST)2022

Weatheradvisory: *Very light rainfall is forecasted for today and tomorrow and light to moderate rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be 28-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-69% and 24-34% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	13/06/2022	14/06/2022	15/06/2022	16/06/2022	17/06/2022
Rainfall(mm)	2	1	6	10	14
T-Max(°C)	31	35	32	31	28
T-Min(°C)	27	26	26	27	27
Cloud Cover(octa)	5	7	8	8	8
RH Max (%)	67	64	68	69	66
RH Min (%)	28	24	25	24	34
Wind Speed (Kmph)	8	10	11	11	8
Wind Direction (deg)	195	191	198	207	216

Agromet Advisory

Generaladvisory: As per IMD conditions are suitable for advancement of SW monsoon in to some part of South Odisha in subsequent 2 days. So farmers should be ready with their kharif rice variety to sow them after receipt of 20 mm rainfall per week and they should prepare their main land and nursery before that by utilizing pre monsoon shower.

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**. 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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Bulletin No.-304
Date- 13/06/2022

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.2°C (-0.82°C from normal) and 27.5°C(+2.55°C from normal), respectively. Mean relative humidity was around 73-80%.

Forecasted period: Today(8.30IST) to 18th June (8.30IST)2022

Weather advisory: *Very light rainfall is forecasted for today to Wednesday and light rainfall/thundershower is forecasted for other 2 days in the block.* The day temperature will be 28-34°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-77% and 31-55% 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	13/06/2022	14/06/2022	15/06/2022	16/06/2022	17/06/2022
Rainfall(mm)	1	1	4	6	7
T-Max(°C)	34	34	32	28	32
T-Min(°C)	28	27	28	28	28
Cloud Cover(octa)	6	5	6	8	8
RH Max (%)	77	77	76	74	74
RH Min (%)	31	39	41	55	46
Wind Speed(Kmph)	21	23	28	29	30
Wind Direction(deg)	203	204	201	203	203

Agromet Advisory

General advisory: As per IMD conditions are suitable for advancement of SW monsoon in to some part of South Odisha in subsequent 2 days. So farmers should be ready with their kharif rice variety to sow them after receipt of 20 mm rainfall per week and they should prepare their main land and nursery before that by utilizing pre monsoon shower.

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 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.

Sugarcane: 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. weather is conducive for temperatures between 29-35 degree Celsius, humidity 60-70 %; this may favour the growth of Whiteflies in sugarcane; provide irrigation which facilitates the 12 soil moisture and reduces the multiplication; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyrifos @ 2.5ml/litre water.

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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-304
Date- 13/06/2022

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.2°C (-0.82°C from normal) and 27.5°C(+2.55°C from normal), respectively. Mean relative humidity was around 73-80%.

Forecasted period: Today(8.30IST) to 18th June (8.30IST)2022

Weather advisory: *Very light rainfall is forecasted for today to Wednesday and light rainfall/thundershower is forecasted for other 2 days in the block.* The day temperature will be 29-36°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-74% and 27-49% 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	13/06/2022	14/06/2022	15/06/2022	16/06/2022	17/06/2022
Rainfall(mm)	1	1	4	7	7
T-Max(°C)	33	36	33	29	31
T-Min(°C)	27	27	28	28	28
Cloud Cover(octa)	6	7	6	8	8
RH Max (%)	73	70	74	71	73
RH Min (%)	27	31	33	49	41
Wind Speed (Kmph)	19	21	26	28	23
Wind Direction (deg)	205	204	201	203	201

Agromet Advisory

General advisory: As per IMD conditions are suitable for advancement of SW monsoon in to some part of South Odisha in subsequent 2 days. So farmers should be ready with their kharif rice variety to sow them after receipt of 20 mm rainfall per week and they should prepare their main land and nursery before that by utilizing pre monsoon shower.

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.

Sugarcane: 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. weather is conducive for temperatures between 29-35 degree Celsius, humidity 60-70 %; this may favour the growth of Whiteflies in sugarcane; provide irrigation which facilitates the 12 soil moisture and reduces the multiplication; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyriphos @ 2.5ml/litre water.

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.

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Bulletin No.-304
Date- 13/06/2022

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.2°C (-0.82°C from normal) and 27.5°C(+2.55°C from normal), respectively. Mean relative humidity was around 73-80%.

Forecasted period: Today(8.30IST) to 18th June (8.30IST)2022

Weather advisory: *Very light rainfall is forecasted for today to Wednesday and light rainfall/thundershower is forecasted for other 2 days in the block.* The day temperature will be 29-36°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-73% and 27-48% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	13/06/2022	14/06/2022	15/06/2022	16/06/2022	17/06/2022
Rainfall(mm)	1	1	3	6	7
T-Max(°C)	33	36	33	29	31
T-Min(°C)	27	27	28	28	28
Cloud Cover(octa)	6	7	6	8	8
RH Max (%)	72	70	73	71	73
RH Min (%)	27	30	32	48	41
Wind Speed (Kmph)	19	20	26	28	22
Wind Direction (deg)	205	204	201	203	203

Agromet Advisory

General advisory: As per IMD conditions are suitable for advancement of SW monsoon in to some part of South Odisha in subsequent 2 days. So farmers should be ready with their kharif rice variety to sow them after receipt of 20 mm rainfall per week and they should prepare their main land and nursery before that by utilizing pre monsoon shower.

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 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.

Jute: The weather is optimum for Jute sowing. Before sowing seeds are to be treated with 2 g Carbendazim or 3 g Thiram/kg seeds to avoid root and stem rot. In Jute field, spray neem oil 10,000ppm @ 3ml/litre of water with sticker or Chlorpyrifos 50 EC @ 2ml/litre of water in the evening hour for preventive measure; **drain out excess water from field.** Realised rain will aggravate **weed problem** in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds

Maize: Maintain proper moisture in the maize crop by giving light irrigation as per requirement; for the prevention of **stem borer/shoot fly** pest in maize crop, spray Emamectin Benzoate 5% SG @ 200g/ha or Dimethoate 30% EC 1.0 litre/ha in 600-700 liters of water.

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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-304
Date- 13/06/2022

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.2°C (-0.82°C from normal) and 27.5°C(+2.55°C from normal), respectively. Mean relative humidity was around 73-80%.

Forecasted period: Today(8.30IST) to 18th June (8.30IST)2022

Weather advisory: *Very light rainfall is forecasted for today to Wednesday and light rainfall/thundershower is forecasted for other 2 days in the block.* The day temperature will be 35-39°C and night temperature will be 30°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-78% and 39-59% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	13/06/2022	14/06/2022	15/06/2022	16/06/2022	17/06/2022
Rainfall(mm)	1	1	3	7	10
T-Max(°C)	39	38	37	35	36
T-Min(°C)	30	30	30	30	30
Cloud Cover(octa)	6	6	7	8	8
RH Max (%)	78	78	78	76	76
RH Min (%)	39	48	51	59	54
Wind Speed (Kmph)	24	26	30	31	31
Wind Direction (deg)	203	204	201	203	203

Agromet Advisory

General advisory: As per IMD conditions are suitable for advancement of SW monsoon in to some part of South Odisha in subsequent 2 days. So farmers should be ready with their kharif rice variety to sow them after receipt of 20 mm rainfall per week and they should prepare their main land and nursery before that by utilizing pre monsoon shower.

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 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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Bulletin No.-304
Date- 13/06/2022

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.2°C (-0.82°C from normal) and 27.5°C(+2.55°C from normal), respectively. Mean relative humidity was around 73-80%.

Forecasted period: Today(8.30IST) to 18th June (8.30IST)2022

Weather advisory: *Very light rainfall is forecasted for today and tomorrow and light to moderate rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be 29-36°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-71% and 26-36% 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	13/06/2022	14/06/2022	15/06/2022	16/06/2022	17/06/2022
Rainfall(mm)	1	1	4	6	11
T-Max(°C)	32	36	31	31	29
T-Min(°C)	27	28	28	28	28
Cloud Cover(octa)	5	7	8	8	8
RH Max (%)	71	62	70	70	69
RH Min (%)	28	26	28	35	36
Wind Speed (Kmph)	13	15	19	22	13
Wind Direction (deg)	205	205	201	203	203

Agro met Advisory

General advisory: As per IMD conditions are suitable for advancement of SW monsoon in to some part of South Odisha in subsequent 2 days. So farmers should be ready with their kharif rice variety to sow them after receipt of 20 mm rainfall per week and they should prepare their main land and nursery before that by utilizing pre monsoon shower.

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.

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- 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.
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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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