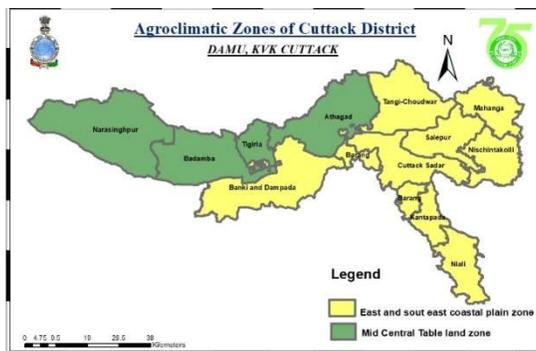




AGROCLIMATIC ZONES OF CUTTACK DISTRICT:



STANDARD PRECIPITATION INDEX AND NDVI MAP

<p align="center">Standardised Precipitation Index for the period 8th July 2021 to 4th August 2021</p> <p align="center">MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CRS PUNE</p>	<p align="center">NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 30 (23.07.2021 to 29.07.2021) over Agricultural region</p> <p align="center">Odisha</p> <p align="center">Agriculture vigor is moderate over few places of the state.</p>
<p>As per SPI value (cumulative 4weeks -08 July 2021 to 04 August 2021), Mildlydry condition was there in Cuttack district.</p>	<p>According to NDVI map (23.07.2021 to 29.07.2021) the agriculture vigor was light to very light over most of the blocks and light to moderate over some part of Badamba, Narasinghpur blocks of Cuttack district.</p>

LEGEND (Medium range block level rainfall forecast)		
	No Rainfall	00 mm
	Very light rainfall	01-05 mm
	Light rainfall	06-10 mm
	Light to moderate rainfall	11-30 mm
	Moderate to heavy rainfall	31-65 mm
	Heavy rainfall	66-115 mm
	Very heavy rainfall	116-205 mm
	Extremely heavy rainfall	>206 mm



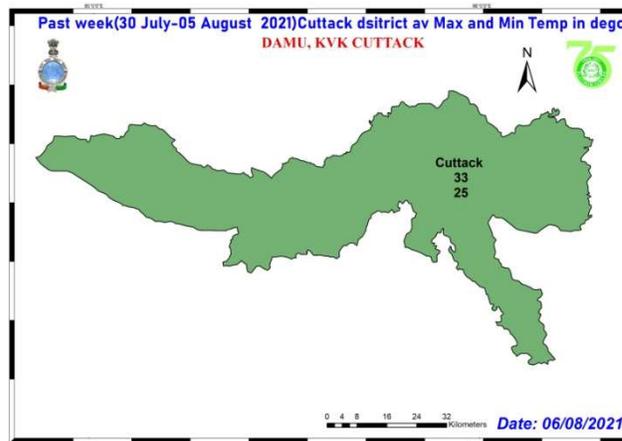
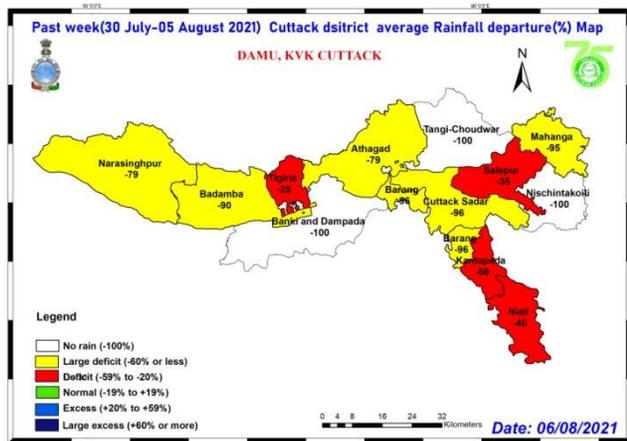


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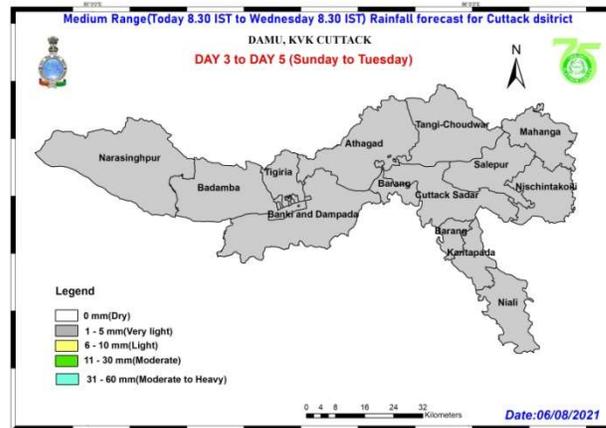
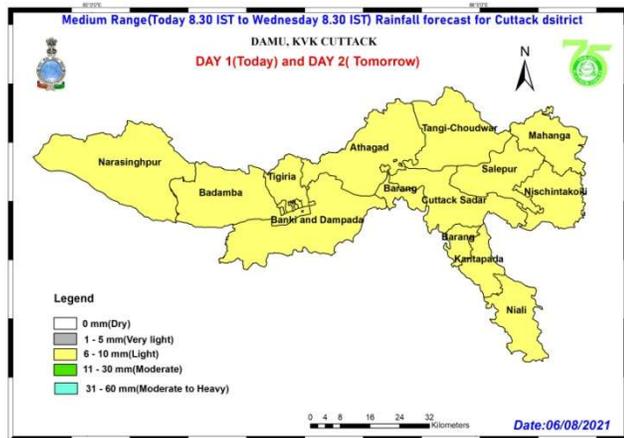


Bulletin No.-217
Date- 06/08/2021

Past week (30 July-05 August 2021) Cuttack district average Rainfall departure (%) and Temperature map



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



Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-217
Date- 06/08/2021

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

Sl No	Crop	Stage and condition of the crop	Anticipated Disease and pest
1	Rice	Nursery to transplanting	 Sheath blight
2	Sugarcane	Vegetative to Tillering	 Weeds
3	Maize	3-5 week stage	 Stem fly
			 Leaf blight
			 Red hairy caterpillar
4	Brinjal, tomatoto, chilli	seedling	 Seedling rot
			 Stem rot
5	Tomato and brinjal	Fruting	 Bacterial wilt
6	chilli	fruting	 Leaf curl
7	okra	Fruting	 Fruit and shoot borer
			 White fly

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Bulletin No.-217
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				Jassid
8	Pointed gourd			Fruit rot
9	Banana			Sigatoka
10	Papaya			Yellow mosaic virus

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Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (11 th to 17 th August 2021)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	0.58	Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	1.88	Above Normal
	Minimum temperature	0.72	Normal

General Agromet Advisory-: There will be **normal rainfall in subsequent week after 5 days (11August - 17August 2021) in Odisha condition,** and there will be **light to very light rainfall is forecasted for upcoming 5 days** farmers are advised to **go for transplanting or beushaning activity in the subsequent week.**

South-west Monsoon rainfall forecast for 2nd half (August and September)of the season and for the month of August ,2021

- Rainfall over the country as a whole during the second half (August to September period) of the 2021 southwest monsoon season is most likely to be normal (95 to 105 % of Long Period Average (LPA)) with a tendency to be in the positive side of the normal.
- Monthly rainfall for the 2021 August over the country as a whole is most likely to be normal (94 to 106 % of Long Period Average (LPA)).
- The spatial distribution of probabilistic forecasts for the tercile categories (above normal, normal and below normal) for the August to September rainfall is shown in Fig.1. The spatial distribution suggests that **below normal to normal rainfall** is likely over many parts of east parts (Odisha) of the country.
- The spatial distribution of probabilistic forecasts for the tercile categories (above normal, normal and below normal) for the August rainfall is shown in Fig.2. The spatial distribution suggests that also **below normal to normal rainfall** is likely over many parts of east parts (Odisha) of the country.
- *Hence Farmers should prepare the crop plan depending upon the land type, irrigation facility for transplanting of kharif rice.*

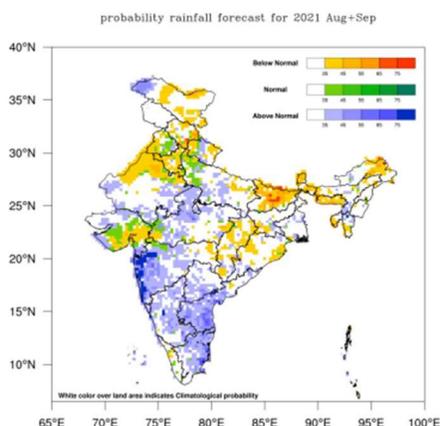


Fig.1. Probability forecast of tercile categories' (below normal, normal and above normal) of rainfall for the second half (August to September) of the 2021 southwest monsoon season over India. The figure illustrates the most likely categories as well as their probabilities. The white shaded areas within the land area represent climatological probabilities. The probabilities were derived using the MME forecast prepared from a group of coupled climate models. (Tercile categories have equal climatological probabilities, of 33.33% each).

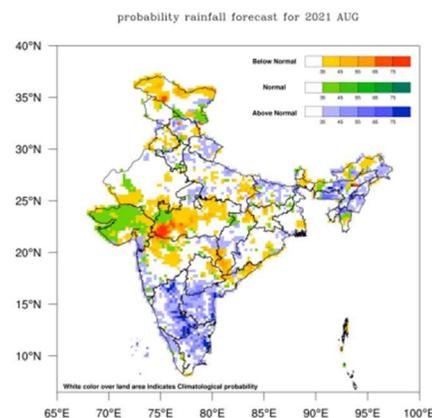


Fig.2. Probability forecast of tercile categories' (below normal, normal and above normal) for the 2021 August rainfall over India. The figure illustrates the most likely categories as well as their probabilities. The white shaded areas within the land area represent climatological probabilities. The probabilities were derived using the MME forecast prepared from a group of coupled climate models. (Tercile categories have equal climatological probabilities, of 33.33% each).





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Bulletin No.-217
Date- 06/08/2021

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 01mm and district received average 02mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 87-77%.

Forecasted period: Today(8.30IST) to 11thAugust (8.30IST)2021

Weather advisory: Light rainfall is forecasted for today tomorrow and very light rainfall is forecasted for next 3 days in the block. **Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.** The day temperature will be 33-38°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-79% and 37-46% 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)				
	07/08/2021	08/08/2021	09/08/2021	10/08/2021	11/08/2021
Rainfall (mm)	10	6	4	2	3
T-Max (°C)	33	34	34	36	38
T-Min (°C)	27	27	28	28	28
Cloud Cover (octa)	3	6	7	8	7
RH Max (%)	77	79	73	72	68
RH Min (%)	46	46	46	42	37
Wind Speed (kmph)	10	10	12	13	14
Wind Direction (deg)	203	206	225	225	289

Agromet Advisory

General advisory: Farmers should pause their weeding and transplanting of paddy till occurrence of sufficient amount of rainfall. If rainfall deficit situation persists in some villages of the block, then go for life saving irrigation to save rice nurseries. Apply top dressing of fertilisers either in transplanted or direct seeded rice if there is sufficient soil moisture in the field otherwise farmers are advised to postpone the top dressing of fertilisers in the rice field till the sufficient soil moisture is attained either by rainfall or irrigation water. They may apply 6kg potash if transplanting was completed to increase the water holding capacity and should apply FYM in furrows of non paddy crops. Farmers are advised to do proper arrangement for storing rain water at one portion in the field. This water can be used for irrigation in the crops during dry spell.

Kharifrice:(DIRECT SEEDED RICE): Direct seeded rice are at three to four week stage. Do weeding by mechanical method. With hold N fertilizer application up to receipt of good amount of rainfall. Strengthen the field bunds and close the holes to check seepage loss. Application of Arbuscular mycorrhiza fungal inoculums 500 kg/ha to support drought tolerance to DSR.

TRANSPLANTED RICE: farmers should wait for sufficient receipt of rainfall to transplant. In upland do not go for transplanting. They should with hold nitrogen application by top dressing if transplanting was already done. They may apply recommended dose of Potash where ever soil moisture allows or should wait for sufficient rainfall. Spray 2% Urea if rice is at vegetative stage.

Maize: After 3-4 weeks of sowing go for top dressing of 35kg urea followed by earthing up. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac. Now the weather condition prefers occurrence of **red hairy caterpillar** in maize, then go for spraying of neem oil 5ml/ltr or chlopyrifos 2ml/ltr water,

VEGETABLES: In view of erratic rainfall Incorporation of crop residues, FYM, Vermicompost to soil improves the soil moisture status. Foliar application of K and Ca induces drought tolerance in vegetable crops. Make sure for hoeing and weeding done in vegetables. Use of biofertiliser i.e Azotobacter, Azospirillum and PSB @ 500g/ha along with 25kg of soil or FYM. Foliar spray of 2% DAP+1% KCL (Mop) during critical stages of flowering.

- Due to forecast of 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.
- **Brinjal , tomato and chilliseedlings** should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenthiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam @ 0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

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

Mango: July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnarekha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied only in dry days.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-217
Date- 06/08/2021

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 01mm and district received average 02mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 87-77%.

Forecasted period: Today(8.30IST) to 11th August (8.30IST)2021

Weather advisory: Light rainfall is forecasted for today tomorrow and very light rainfall is forecasted for next 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 32-37°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-80% and 37-47% 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)				
	07/08/2021	08/08/2021	09/08/2021	10/08/2021	11/08/2021
Rainfall(mm)	6	6	3	2	1
T-Max(°C)	32	33	34	35	37
T-Min(°C)	26	26	27	27	27
Cloud Cover(octa)	3	6	7	8	7
RH Max (%)	80	77	73	69	66
RH Min (%)	47	47	45	43	37
Wind Speed (Kmph)	9	9	11	11	13
Wind Direction (deg)	206	216	236	248	214

Agromet Advisory

General advisory: Farmers should pause their weeding and transplanting of paddy till occurrence of sufficient amount of rainfall. If rainfall deficit situation persists in some villages of the block, then go for life saving irrigation to save rice nurseries. Apply top dressing of fertilisers either in transplanted or direct seeded rice if there is sufficient soil moisture in the field otherwise farmers are advised to postpone the top dressing of fertilisers in the rice field till the sufficient soil moisture is attained either by rainfall or irrigation water. They may apply 6kg potash if transplanting was completed to increase the water holding capacity and should apply FYM in furrows of non paddy crops. Farmers are advised to do proper arrangement for storing rain water at one portion in the field. This water can be used for irrigation in the crops during dry spell.

Kharifrice:(DIRECT SEEDED RICE): Direct seeded rice are at three to four week stage. Do weeding by mechanical method. With hold N fertilizer application up to receipt of good amount of rainfall. Strengthen the field bunds and close the holes to check seepage loss. Application of Arbuscular mycorrhiza fungal inoculums 500 kg/ha to support drought tolerance to DSR.

TRANSPLANTED RICE: farmers should wait for sufficient receipt of rainfall to transplant. In upland do not go for transplanting. They should with hold nitrogen application by top dressing if transplanting was already done. They may apply recommended dose of Potash where ever soil moisture allows or should wait for sufficient rainfall. Spray 2% Urea if rice is at vegetative stage.

Maize: After 3-4 weeks of sowing go for top dressing of 35kg urea followed by earthing up. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac. Now the weather condition prefers occurrence of **red hairy caterpillar** in maize, then go for spraying of neem oil 5ml/ltr or chlopyriphos 2ml/ltr water,

VEGETABLES: In view of erratic rainfall Incorporation of crop residues, FYM, Vermicompost to soil improves the soil moisture status. Foliar application of K and Ca induces drought tolerance in vegetable crops. Make sure for hoeing and weeding done in vegetables. Use of biofertiliser i.e Azotobacter. Azospirillum and PSB @ 500g/ha along with 25kg of soil or FYM. Foliar spray of 2% DAP+1% KCL (Mop) during critical stages of flowering.

- Due to forecast of 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.
- **Brinjal , tomato and chilliseedlings** should be planted in the main field. Whenever **sucking pets** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenhiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam@0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

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

Mango: July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnarekha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied only in dry days.

Dr Sujata Sethy
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Bulletin No.-217
Date- 06/08/2021

AGROMET ADVISORY BULLETIN FORBANKI

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

The district received average 02mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 87-77%.

Forecasted period: Today(8.30IST) to 11thAugust (8.30IST)2021

Weather advisory: Light rainfall is forecasted for today tomorrow and very light rainfall is forecasted for next 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 32-38°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-77% and 37-45% 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)				
	07/08/2021	08/08/2021	09/08/2021	10/08/2021	11/08/2021
Rainfall(mm)	8	9	3	1	1
T-Max(°C)	32	34	34	36	38
T-Min(°C)	26	27	27	28	28
Cloud Cover(octa)	4	6	6	8	7
RH Max (%)	77	76	73	71	66
RH Min (%)	45	45	44	42	37
Wind Speed (Kmph)	10	11	13	13	14
Wind Direction (deg)	203	216	236	225	214

Agromet Advisory

General advisory: Farmers should pause their weeding and transplanting of paddy till occurrence of sufficient amount of rainfall. If rainfall deficit situation persists in some villages of the block, then go for life saving irrigation to save rice nurseries. Apply top dressing of fertilisers either in transplanted or direct seeded rice if there is sufficient soil moisture in the field otherwise farmers are advised to postpone the top dressing of fertilisers in the rice field till the sufficient soil moisture is attained either by rainfall or irrigation water. They may apply 6kg potash if transplanting was completed to increase the water holding capacity and should apply FYM in furrows of non paddy crops. Farmers are advised to do proper arrangement for storing rain water at one portion in the field. This water can be used for irrigation in the crops during dry spell.

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- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

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Bulletin No.-217
Date- 06/08/2021

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

District Past week average weather condition

The block received average 0mm and district received average 02mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 87-77%.

Forecasted period: Today(8.30IST) to 11thAugust (8.30IST)2021

Weather Advisory: Light rainfall is forecasted for today tomorrow and very light rainfall is forecasted for next 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 32-38°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-77% and 37-45% 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)				
	07/08/2021	08/08/2021	09/08/2021	10/08/2021	11/08/2021
Rainfall(mm)	8	9	3	1	1
T-Max(°C)	32	34	34	36	38
T-Min(°C)	27	27	27	28	28
Cloud Cover(octa)	4	6	6	8	7
RH Max (%)	77	76	72	71	67
RH Min (%)	45	45	44	42	37
Wind Speed (Kmph)	10	11	13	13	14
Wind Direction (deg)	203	216	236	225	214

Agromet Advisory

General advisory: Farmers should pause their weeding and transplanting of paddy till occurrence of sufficient amount of rainfall. If rainfall deficit situation persists in some villages of the block, then go for life saving irrigation to save rice nurseries. Apply top dressing of fertilisers either in transplanted or direct seeded rice if there is sufficient soil moisture in the field otherwise farmers are advised to postpone the top dressing of fertilisers in the rice field till the sufficient soil moisture is attained either by rainfall or irrigation water. They may apply 6kg potash if transplanting was completed to increase the water holding capacity and should apply FYM in furrows of non paddy crops. Farmers are advised to do proper arrangement for storing rain water at one portion in the field. This water can be used for irrigation in the crops during dry spell.

Kharifrice:(DIRECT SEEDED RICE): Direct seeded rice are at three to four week stage. Do weeding by mechanical method. With hold N fertilizer application up to receipt of good amount of rainfall. Strengthen the field bunds and close the holes to check seepage loss. Application of Arbuscular mycorrhiza fungal inoculum 500 kg/ha to support drought tolerance to DSR.

TRANSPLANTED RICE: farmers should wait for sufficient receipt of rainfall to transplant. In upland do not go for transplanting. They should with hold nitrogen application by top dressing if transplanting was already done. They may apply recommended dose of Potash where ever soil moisture allows or should wait for sufficient rainfall. Spray 2% Urea if rice is at vegetative stage.

Maize: After 3-4 weeks of sowing go for top dressing of 35kg urea followed by earthing up. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac. Now the weather condition prefers occurrence of **red hairy caterpillar** in maize, then go for spraying of neem oil 5ml/ltr or chlopyriphos 2ml/ltr water,

VEGETABLES: In view of erratic rainfall Incorporation of crop residues, FYM, Vermicompost to soil improves the soil moisture status. Foliar application of K and Ca induces drought tolerance in vegetable crops. Make sure for hoeing and weeding done in vegetables. Use of biofertiliser i.e Azotobacter, Azospirillum and PSB @ 500g/ha along with 25kg of soil or FYM. Foliar spray of 2% DAP+1% KCL (Mop) during critical stages of flowering.

- Due to forecast of 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.
- **Brinjal , tomato and chilliseedlings** should be planted in the main field. Whenever **sucking pets** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenhiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam@0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

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

Mango: July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnarekha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied only in dry days.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-217
Date- 06/08/2021

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 01mm and district received average 02mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 87-77%.

Forecasted period: Today(8.30IST) to 11th August (8.30IST)2021

Weather advisory: Light rainfall is forecasted for today tomorrow and very light rainfall is forecasted for next 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 33-38°C and night temperature will be 27-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-75% and 36-45% 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)				
	07/08/2021	08/08/2021	09/08/2021	10/08/2021	11/08/2021
Rainfall(mm)	6	8	3	1	1
T-Max(°C)	33	34	35	36	38
T-Min(°C)	27	27	28	29	28
Cloud Cover	4	6	6	8	7
RH Max (%)	75	75	71	71	69
RH Min (%)	45	45	43	38	36
Wind Speed (Kmph)	11	12	15	16	17
Wind Direction (deg)	205	216	225	214	214

Agromet Advisory

General advisory: Farmers should pause their beushaning and transplanting of paddy till occurrence of sufficient amount of rainfall. If rainfall deficit situation persists in some villages of the block, then go for life saving irrigation to save rice nurseries. Apply top dressing of fertilisers either in transplanted or direct seeded rice if there is sufficient soil moisture in the field otherwise farmers are advised to postpone the top dressing of fertilisers in the rice field till the sufficient soil moisture is attained either by rainfall or irrigation water. They may apply 6kg potash if transplanting was completed to increase the water holding capacity and should apply FYM in furrows of non paddy crops. Farmers are advised to do proper arrangement for storing rain water at one portion in the field. This water can be used for irrigation in the crops during dry spell.

Kharifrice:(DIRECT SEEDED RICE): Direct seeded rice are at three to four week stage. Do weeding by mechanical method. With hold N fertilizer application up to receipt of good amount of rainfall. Strengthen the field bunds and close the holes to check seepage loss. Application of Arbuscular mycorrhiza fungal inoculums 500 kg/ha to support drought tolerance to DSR.

TRANSPLANTED RICE: farmers should wait for sufficient receipt of rainfall to transplant. In upland do not go for transplanting. They should with hold nitrogen application by top dressing if transplanting was already done. They may apply recommended dose of Potash where ever soil moisture allows or should wait for sufficient rainfall. Spray 2% Urea if rice is at vegetative stage.

Maize: After 3-4 weeks of sowing go for top dressing of 35kg urea followed by earthing up. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac. Now the weather condition prefers occurrence of **red hairy caterpillar** in maize, then go for spraying of neem oil 5ml/ltr or chlopyriphos 2ml/ltr water.

VEGETABLES: In view of erratic rainfall Incorporation of crop residues, FYM, Vermicompost to soil improves the soil moisture status. Foliar application of K and Ca induces drought tolerance in vegetable crops. Make sure for hoeing and weeding done in vegetables. Use of biofertiliser i.e Azotobactor. Azospirillum and PSB @ 500g/ha along with 25kg of soil or FYM. Foliar spray of 2% DAP+1% KCL (Mop) during critical stages of flowering.

- Due to forecast of 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.
- **Brinjal , tomato and chilliseedlings** should be planted in the main field. Whenever **sucking pets** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenhiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam @ 0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

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

Mango: July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnarekha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied only in dry days.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-217
Date- 06/08/2021

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 01mm and district received average 02mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 87-77%.

Forecasted period: Today(8.30IST) to 11thAugust (8.30IST)2021

Weather advisory: Light rainfall is forecasted for today tomorrow and very light rainfall is forecasted for next 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 33-38°C and night temperature will be 27-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-76% and 36-45% 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)				
	07/08/2021	08/08/2021	09/08/2021	10/08/2021	11/08/2021
Rainfall(mm)	6	7	4	2	1
T-Max(°C)	33	34	35	36	38
T-Min(°C)	27	27	28	29	29
Cloud Cover(octa)	4	6	6	8	7
RH Max (%)	76	76	72	72	69
RH Min (%)	45	45	44	39	36
Wind Speed (Kmph)	11	11	14	15	17
Wind Direction (deg)	205	216	225	270	214

Agromet Advisory

General advisory: Farmers should pause their weeding and transplanting of paddy till occurrence of sufficient amount of rainfall. If rainfall deficit situation persists in some villages of the block, then go for life saving irrigation to save rice nurseries. Apply top dressing of fertilisers either in transplanted or direct seeded rice if there is sufficient soil moisture in the field otherwise farmers are advised to postpone the top dressing of fertilisers in the rice field till the sufficient soil moisture is attained either by rainfall or irrigation water. They may apply 6kg potash if transplanting was completed to increase the water holding capacity and should apply FYM in furrows of non paddy crops. Farmers are advised to do proper arrangement for storing rain water at one portion in the field. This water can be used for irrigation in the crops during dry spell.

Kharifrice:(DIRECT SEEDED RICE): Direct seeded rice are at three to four week stage. Do weeding by mechanical method. With hold N fertilizer application up to receipt of good amount of rainfall. Strengthen the field bunds and close the holes to check seepage loss. Application of Arbuscular mycorrhiza fungal inoculums 500 kg/ha to support drought tolerance to DSR.

TRANSPLANTED RICE: farmers should wait for sufficient receipt of rainfall to transplant. In upland do not go for transplanting. They should with hold nitrogen application by top dressing if transplanting was already done. They may apply recommended dose of Potash where ever soil moisture allows or should wait for sufficient rainfall. Spray 2% Urea if rice is at vegetative stage.

Sugarcane: As maximum sugarcane is seedling to tillering stage then go for irrigation in 7-12 days interval based upon forecast of rain. Weeding and earthing up should be done in this time after that Top dressing of Urea @30 kg/acre for 30-60 days old sugarcane plant. To control dicot weeds farmers may go for spraying of pre emergence herbicide atrazine @0.8-2kg/acre of moist field.

VEGETABLES: In view of erratic rainfall Incorporation of crop residues, FYM, Vermicompost to soil improves the soil moisture status. Foliar application of K and Ca induces drought tolerance in vegetable crops. Make sure for hoeing and weeding done in vegetables. Use of biofertiliser i.e Azotobacter, Azospirillum and PSB @ 500g/ha along with 25kg of soil or FYM. Foliar spray of 2% DAP+1% KCL (Mop) during critical stages of flowering.

- Due to forecast of 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.
- **Brinjal , tomato and chilli** seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenhiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam@0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

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

Mango: July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnarekha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied only in dry days.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-217
Date- 06/08/2021

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 6mm and district received average 02mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 87-77%.

Forecasted period: Today(8.30IST) to 11thAugust (8.30IST)2021

Weather advisory: Light rainfall is forecasted for today tomorrow and very light rainfall is forecasted for next 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 32-38°C and night temperature will be 27-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-74% and 38-46% 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)				
	07/08/2021	08/08/2021	09/08/2021	10/08/2021	11/08/2021
Rainfall(mm)	6	8	5	2	1
T-Max(°C)	32	34	35	36	38
T-Min(°C)	27	27	28	29	28
Cloud Cover(octa)	4	6	6	8	7
RH Max (%)	74	73	70	70	69
RH Min (%)	46	46	42	38	38
Wind Speed (Kmph)	11	13	16	17	18
Wind Direction (deg)	208	216	236	225	225

Agromet Advisory

General advisory: Farmers should pause their weeding and transplanting of paddy till occurrence of sufficient amount of rainfall. If rainfall deficit situation persists in some villages of the block, then go for life saving irrigation to save rice nurseries. Apply top dressing of fertilisers either in transplanted or direct seeded rice if there is sufficient soil moisture in the field otherwise farmers are advised to postpone the top dressing of fertilisers in the rice field till the sufficient soil moisture is attained either by rainfall or irrigation water. They may apply 6kg potash if transplanting was completed to increase the water holding capacity and should apply FYM in furrows of non paddy crops. Farmers are advised to do proper arrangement for storing rain water at one portion in the field. This water can be used for irrigation in the crops during dry spell.

Kharifrice:(DIRECT SEEDED RICE): Direct seeded rice are at three to four week stage. Do weeding by mechanical method. With hold N fertilizer application up to receipt of good amount of rainfall. Strengthen the field bunds and close the holes to check seepage loss. Application of Arbuscular mycorrhiza fungal inoculums 500 kg/ha to support drought tolerance to DSR.

TRANSPLANTED RICE: farmers should wait for sufficient receipt of rainfall to transplant. In upland do not go for transplanting. They should with hold nitrogen application by top dressing if transplanting was already done. They may apply recommended dose of Potash where ever soil moisture allows or should wait for sufficient rainfall. Spray 2% Urea if rice is at vegetative stage.

Sugarcane: As maximum sugarcane is seedling to tillering stage then go for irrigation in 7-12 days interval based upon forecast of rain. Weeding and earthing up should be done in this time after that Top dressing of Urea @30 kg/acre for 30-60 days old sugarcane plant. To control dicot weeds farmers may go for spraying of pre emergence herbicide atrazine @0.8-2kg/acre of moist field.

VEGETABLES: In view of erratic rainfall Incorporation of crop residues, FYM, Vermicompost to soil improves the soil moisture status. Foliar application of K and Ca induces drought tolerance in vegetable crops. Make sure for hoeing and weeding done in vegetables. Use of biofertiliser i.e Azotobacter, Azospirillum and PSB @ 500g/ha along with 25kg of soil or FYM. Foliar spray of 2% DAP+1% KCL (Mop) during critical stages of flowering.

- Due to forecast of 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.
- **Brinjal , tomato and chilliseedlings** should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenhiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam@0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

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

Mango: July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnarekha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied only in dry days.

Dr Sujata Sethy
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Bulletin No.-217
Date- 06/08/2021

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 01mm and district received average 02mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 87-77%.

Forecasted period: Today(8.30IST) to 11thAugust (8.30IST)2021

Weather advisory: Light rainfall is forecasted for today tomorrow and very light rainfall is forecasted for next 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be and it will be 33-38°C and night temperature will be 27-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-77% and 36-45% 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)				
	07/08/2021	08/08/2021	09/08/2021	10/08/2021	11/08/2021
Rainfall(mm)	7	7	5	2	1
T-Max(°C)	33	34	35	36	38
T-Min(°C)	27	27	28	29	29
Cloud Cover(octal)	3	7	7	8	7
RH Max (%)	77	76	71	71	67
RH Min (%)	44	45	44	40	36
Wind Speed (Kmph)	13	13	16	17	19
Wind Direction (deg)	203	208	236	270	214

Agromet Advisory

General advisory: Farmers should pause their weeding and transplanting of paddy till occurrence of sufficient amount of rainfall. If rainfall deficit situation persists in some villages of the block, then go for life saving irrigation to save rice nurseries. Apply top dressing of fertilisers either in transplanted or direct seeded rice if there is sufficient soil moisture in the field otherwise farmers are advised to postpone the top dressing of fertilisers in the rice field till the sufficient soil moisture is attained either by rainfall or irrigation water. They may apply 6kg potash if transplanting was completed to increase the water holding capacity and should apply FYM in furrows of non paddy crops. Farmers are advised to do proper arrangement for storing rain water at one portion in the field. This water can be used for irrigation in the crops during dry spell.

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TRANSPLANTED RICE: farmers should wait for sufficient receipt of rainfall to transplant. In upland do not go for transplanting. They should with hold nitrogen application by top dressing if transplanting was already done. They may apply recommended dose of Potash where ever soil moisture allows or should wait for sufficient rainfall. Spray 2% Urea if rice is at vegetative stage.

Sugarcane: As maximum sugarcane is seedling to tillering stage then go for irrigation in 7-12 days interval based upon forecast of rain. Weeding and earthing up should be done in this time after that Top dressing of Urea @30 kg/acre for 30-60 days old sugarcane plant. To control dicot weeds farmers may go for spraying of pre emergence herbicide atrazine @0.8-2kg/acre of moist field.

VEGETABLES: In view of erratic rainfall Incorporation of crop residues, FYM, Vermicompost to soil improves the soil moisture status. Foliar application of K and Ca induces drought tolerance in vegetable crops. Make sure for hoeing and weeding done in vegetables. Use of biofertiliser i.e Azotobacter, Azospirillum and PSB @ 500g/ha along with 25kg of soil or FYM. Foliar spray of 2% DAP+1% KCL (Mop) during critical stages of flowering.

- Due to forecast of 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.
- **Brinjal , tomato and chilliseedlings** should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenhiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam@0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

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

Mango: July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnarekha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied only in dry days.

Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-217
Date- 06/08/2021

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 02mm and district received average 02mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 87-77%.

Forecasted period: Today(8.30IST) to 11thAugust (8.30IST)2021

Weather advisory: Light rainfall is forecasted for today tomorrow and very light rainfall is forecasted for next 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 33-37°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-85% and 38-47% 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	07/08/2021	08/08/2021	09/08/2021	10/08/2021	11/08/2021
Rainfall(mm)	6	7	4	1	1
T-Max(°C)	34	33	33	35	37
T-Min(°C)	24	24	25	26	26
Cloud Cover(/octa)	3	6	6	7	7
RH Max (%)	85	79	74	70	68
RH Min (%)	45	47	45	44	38
Wind Speed (Kmph)	7	7	8	10	11
Wind Direction (deg)	203	236	236	259	257

Agromet Advisory

General advisory: Farmers should pause their weeding and transplanting of paddy till occurrence of sufficient amount of rainfall. If rainfall deficit situation persists in some villages of the block, then go for life saving irrigation to save rice nurseries. Apply top dressing of fertilisers either in transplanted or direct seeded rice if there is sufficient soil moisture in the field otherwise farmers are advised to postpone the top dressing of fertilisers in the rice field till the sufficient soil moisture is attained either by rainfall or irrigation water. They may apply 6kg potash if transplanting was completed to increase the water holding capacity and should apply FYM in furrows of non paddy crops. Farmers are advised to do proper arrangement for storing rain water at one portion in the field. This water can be used for irrigation in the crops during dry spell.

Kharifrice:(DIRECT SEEDED RICE): Direct seeded rice are at three to four week stage. Do weeding by mechanical method. With hold N fertilizer application up to receipt of good amount of rainfall. Strengthen the field bunds and close the holes to check seepage loss. Application of Arbuscular mycorrhiza fungal inoculums 500 kg/ha to support drought tolerance to DSR.

TRANSPLANTED RICE: farmers should wait for sufficient receipt of rainfall to transplant. In upland do not go for transplanting. They should with hold nitrogen application by top dressing if transplanting was already done. They may apply recommended dose of Potash where ever soil moisture allows or should wait for sufficient rainfall. Spray 2% Urea if rice is at vegetative stage.

Maize: After 3-4 weeks of sowing go for top dressing of 35kg urea followed by earthing up. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac. Now the weather condition prefers occurrence of **red hairy caterpillar** in maize, then go for spraying of neem oil 5ml/ltr or chlopyriphos 2ml/ltr water,

VEGETABLES: In view of erratic rainfall Incorporation of crop residues, FYM, Vermicompost to soil improves the soil moisture status. Foliar application of K and Ca induces drought tolerance in vegetable crops. Make sure for hoeing and weeding done in vegetables. Use of biofertiliser i.e Azotobacter, Azospirillum and PSB @ 500g/ha along with 25kg of soil or FYM. Foliar spray of 2% DAP+1% KCL (Mop) during critical stages of flowering.

- Due to forecast of 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.
- **Brinjal , tomato and chilli** seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenthiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @1.5 gram/litre of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam @0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

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

Mango: July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnakha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied only in dry days.

Dr Sujata Sethy
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR NIALI



Bulletin No.-217
Date- 06/08/2021

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

The block received average 08mm and district received average 02mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 87-77%.

Forecasted period: Today(8.30IST) to 11th August (8.30IST)2021

Weather advisory: Light rainfall is forecasted for today tomorrow and very light rainfall is forecasted for next 3 days in the block. **Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.** The day temperature will be 32-37°C and night temperature will be 27-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-73% and 37-47% 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)				
	07/08/2021	08/08/2021	09/08/2021	10/08/2021	11/08/2021
Rainfall(mm)	7	8	4	3	1
T-Max(°C)	32	34	35	36	37
T-Min(°C)	27	27	28	29	28
Cloud Cover(octa)	4	6	7	8	7
RH Max (%)	73	73	70	71	69
RH Min (%)	47	46	42	39	37
Wind Speed(Kmph)	12	14	18	18	18
Wind Direction(deg)	208	208	238	225	225

Agromet Advisory

General advisory: Farmers should pause their beushaning and transplanting of paddy till occurrence of sufficient amount of rainfall. If rainfall deficit situation persists in some villages of the block, then go for life saving irrigation to save rice nurseries. Apply top dressing of fertilisers either in transplanted or direct seeded rice if there is sufficient soil moisture in the field otherwise farmers are advised to postpone the top dressing of fertilisers in the rice field till the sufficient soil moisture is attained either by rainfall or irrigation water. They may apply 6kg potash if transplanting was completed to increase the water holding capacity and should apply FYM in furrows of non paddy crops Farmers are advised to do proper arrangement for storing rain water at one portion in the field. This water can be used for irrigation in the crops during dry spell.

Kharifrice:(DIRECT SEEDED RICE): Direct seeded rice are at three to four week stage. Do weeding by mechanical method. With hold N fertilizer application up to receipt of good amount of rainfall. Strengthen the field bunds and close the holes to check seepage loss. Application of Arbuscular mycorrhiza fungal inoculums 500 kg/ha to support drought tolerance to DSR.

TRANSPLANTED RICE: farmers should wait for sufficient receipt of rainfall to transplant. In upland do not go for transplanting. They should with hold nitrogen application by top dressing if transplanting was already done. They may apply recommended dose of Potash where ever soil moisture allows or should wait for sufficient rainfall. Spray 2% Urea if rice is at vegetative stage.

Sugarcane: As maximum sugarcane is seedling to tillering stage then go for irrigation in 7-12 days interval based upon forecast of rain. Weeding and earthing up should be done in this time after that Top dressing of Urea @30 kg/acre for 30-60 days old sugarcane plant. To control dicot weeds farmers may go for spraying of pre emergence herbicide atrazine @0.8-2kg/acre of moist field.

VEGETABLES: In view of erratic rainfall Incorporation of crop residues, FYM, Vermicompost to soil improves the soil moisture status. Foliar application of K and Ca induces drought tolerance in vegetable crops. Make sure for hoeing and weeding done in vegetables. Use of biofertiliser i.e Azotobactor. Azospirillum and PSB @ 500g/ha along with 25kg of soil or FYM. Foliar spray of 2% DAP+1% KCL (Mop) during critical stages of flowering.

- Due to forecast of 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.
- **Brinjal , tomato and chilli** seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenhiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam@0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

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

Mango: July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnakha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied only in dry days.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-217
Date- 06/08/2021

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com
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 02mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 87-77%.

Forecasted period: Today(8.30IST) to 11th August (8.30IST)2021

Weather advisory: Light rainfall is forecasted for today tomorrow and very light rainfall is forecasted for next 3 days in the block. **Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.** The day temperature will be 33-38°C and night temperature will be 27-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-77% and 36-46% 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)				
	07/08/2021	08/08/2021	09/08/2021	10/08/2021	11/08/2021
Rainfall(mm)	7	8	3	2	1
T-Max(°C)	33	34	35	36	38
T-Min(°C)	27	27	28	29	29
Cloud Cover(octa)	3	7	7	8	7
RH Max (%)	77	76	71	70	68
RH Min (%)	44	46	43	39	36
Wind Speed (Kmph)	12	13	16	17	18
Wind Direction (deg)	208	208	225	270	214

Agromet Advisory

General advisory: Farmers should pause their weeding and transplanting of paddy till occurrence of sufficient amount of rainfall. If rainfall deficit situation persists in some villages of the block, then go for life saving irrigation to save rice nurseries. Apply top dressing of fertilisers either in transplanted or direct seeded rice if there is sufficient soil moisture in the field otherwise farmers are advised to postpone the top dressing of fertilisers in the rice field till the sufficient soil moisture is attained either by rainfall or irrigation water. They may apply 6kg potash if transplanting was completed to increase the water holding capacity and should apply FYM in furrows of non paddy crops. Farmers are advised to do proper arrangement for storing rain water at one portion in the field. This water can be used for irrigation in the crops during dry spell.

Kharifrice:(DIRECT SEEDED RICE): Direct seeded rice are at three to four week stage. Do weeding by mechanical method. With hold N fertilizer application up to receipt of good amount of rainfall. Strengthen the field bunds and close the holes to check seepage loss. Application of Arbuscular mycorrhiza fungal inoculums 500 kg/ha to support drought tolerance to DSR.

TRANSPLANTED RICE: farmers should wait for sufficient receipt of rainfall to transplant. In upland do not go for transplanting. They should with hold nitrogen application by top dressing if transplanting was already done. They may apply recommended dose of Potash where ever soil moisture allows or should wait for sufficient rainfall. Spray 2% Urea if rice is at vegetative stage.

Sugarcane: As maximum sugarcane is seedling to tillering stage then go for irrigation in 7-12 days interval based upon forecast of rain. Weeding and earthing up should be done in this time after that Top dressing of Urea @30 kg/acre for 30-60 days old sugarcane plant. To control dicot weeds farmers may go for spraying of pre emergence herbicide atrazine @0.8-2kg/acre of moist field.

VEGETABLES: In view of erratic rainfall Incorporation of crop residues, FYM, Vermicompost to soil improves the soil moisture status. Foliar application of K and Ca induces drought tolerance in vegetable crops. Make sure for hoeing and weeding done in vegetables. Use of biofertiliser i.e Azotobacter, Azospirillum and PSB @ 500g/ha along with 25kg of soil or FYM. Foliar spray of 2% DAP+1% KCL (Mop) during critical stages of flowering.

- Due to forecast of 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.
- **Brinjal , tomato and chilli** seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenhiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam @0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

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

Mango: July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnarekha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P₂O₅ and 60 g K₂O fertilizer should be applied only in dry days.

Dr Sujata Sethy
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR SALEPUR



Bulletin No.-217
Date- 06/08/2021

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

The block received average 08mm and district received average 02mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 87-77%.

Forecasted period: Today(8.30IST) to 11th August (8.30IST)2021

Weather advisory: Light rainfall is forecasted for today tomorrow and very light rainfall is forecasted for next 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 33-38°C and night temperature will be 27-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-77% and 36-45% 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)				
	07/08/2021	08/08/2021	09/08/2021	10/08/2021	11/08/2021
Rainfall(mm)	8	7	3	2	1
T-Max(°C)	33	34	35	36	38
T-Min(°C)	27	27	28	29	29
Cloud Cover(octa)	3	7	7	8	7
RH Max (%)	77	76	71	71	68
RH Min (%)	45	45	44	39	36
Wind Speed (Kmph)	12	12	16	17	18
Wind Direction (deg)	205	208	225	270	214

Agromet Advisory

General advisory: Farmers should pause their weeding and transplanting of paddy till occurrence of sufficient amount of rainfall. If rainfall deficit situation persists in some villages of the block, then go for life saving irrigation to save rice nurseries. Apply top dressing of fertilisers either in transplanted or direct seeded rice if there is sufficient soil moisture in the field otherwise farmers are advised to postpone the top dressing of fertilisers in the rice field till the sufficient soil moisture is attained either by rainfall or irrigation water. They may apply 6kg potash if transplanting was completed to increase the water holding capacity and should apply FYM in furrows of non paddy crops. Farmers are advised to do proper arrangement for storing rain water at one portion in the field. This water can be used for irrigation in the crops during dry spell.

Kharifrice:(DIRECT SEEDED RICE): Direct seeded rice are at three to four week stage. Do weeding by mechanical method. With hold N fertilizer application up to receipt of good amount of rainfall. Strengthen the field bunds and close the holes to check seepage loss. Application of Arbuscular mycorrhiza fungal inoculums 500 kg/ha to support drought tolerance to DSR.

TRANSPLANTED RICE: farmers should wait for sufficient receipt of rainfall to transplant. In upland do not go for transplanting. They should with hold nitrogen application by top dressing if transplanting was already done. They may apply recommended dose of Potash where ever soil moisture allows or should wait for sufficient rainfall. Spray 2% Urea if rice is at vegetative stage.

Maize: After 3-4 weeks of sowing go for top dressing of 35kg urea followed by earthing up. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g/ac. Now the weather condition prefers occurrence of **red hairy caterpillar** in maize, then go for spraying of neem oil 5ml/ltr or chlorpyrifos 2ml/ltr water.

VEGETABLES: In view of erratic rainfall Incorporation of crop residues, FYM, Vermicompost to soil improves the soil moisture status. Foliar application of K and Ca induces drought tolerance in vegetable crops. Make sure for hoeing and weeding done in vegetables. Use of biofertiliser i.e Azatobacter. Azospirillum and PSB @ 500g/ha along with 25kg of soil or FYM. Foliar spray of 2% DAP+1% KCL (Mop) during critical stages of flowering.

- Due to forecast of 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.
- **Brinjal , tomato and chilli** seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenhiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam @ 0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

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

Mango: July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnakha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P₂O₅ and 60 g K₂O fertilizer should be applied only in dry days.

Dr Sujata Sethy
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Bulletin No.-217
Date- 06/08/2021

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 02mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 87-77%.

Forecasted period: Today(8.30IST) to 11th August (8.30IST)2021

Weather advisory: Light rainfall is forecasted for today tomorrow and very light rainfall is forecasted for next 3 days in the block. **Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.** The day temperature will be 35-38°C and night temperature will be 29-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-77% and 42-50% 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)				
	07/08/2021	08/08/2021	09/08/2021	10/08/2021	11/08/2021
Rainfall(mm)	9	8	4	2	1
T-Max(°C)	35	36	37	37	38
T-Min(°C)	29	30	30	31	31
Cloud Cover(octa)	3	6	7	8	7
RH Max (%)	77	75	73	74	74
RH Min (%)	50	50	46	45	42
Wind Speed (Kmph)	15	18	21	20	21
Wind Direction (deg)	205	212	238	236	225

Agromet Advisory

General advisory: Farmers should pause their beushaning and transplanting of paddy till occurrence of sufficient amount of rainfall. If rainfall deficit situation persists in some villages of the block, then go for life saving irrigation to save rice nurseries. Apply top dressing of fertilisers either in transplanted or direct seeded rice if there is sufficient soil moisture in the field otherwise farmers are advised to postpone the top dressing of fertilisers in the rice field till the sufficient soil moisture is attained either by rainfall or irrigation water. They may apply 6kg potash if transplanting was completed to increase the water holding capacity and should apply FYM in furrows of non paddy crops Farmers are advised to do proper arrangement for storing rain water at one portion in the field. This water can be used for irrigation in the crops during dry spell.

Kharifrice:(DIRECT SEEDED RICE): Direct seeded rice are at three to four week stage. Do weeding by mechanical method. With hold N fertilizer application up to receipt of good amount of rainfall. Strengthen the field bunds and close the holes to check seepage loss. Application of Arbuscular mycorrhiza fungal inoculums 500 kg/ha to support drought tolerance to DSR.

TRANSPLANTED RICE: farmers should wait for sufficient receipt of rainfall to transplant. In upland do not go for transplanting. They should with hold nitrogen application by top dressing if transplanting was already done. They may apply recommended dose of Potash where ever soil moisture allows or should wait for sufficient rainfall. Spray 2% Urea if rice is at vegetative stage.

Maize: After 3-4 weeks of sowing go for top dressing of 35kg urea followed by earthing up. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac. Now the weather condition prefers occurrence of **red hairy caterpillar** in maize, then go for spraying of neem oil 5ml/ltr or chlropyriphos 2ml/ltr water,

VEGETABLES: In view of erratic rainfall Incorporation of crop residues, FYM, Vermicompost to soil improves the soil moisture status. Foliar application of K and Ca induces drought tolerance in vegetable crops. Make sure for hoeing and weeding done in vegetables. Use of biofertiliser i.e Azotobacter. Azospirillum and PSB @ 500g/ha along with 25kg of soil or FYM. Foliar spray of 2% DAP+1% KCL (Mop) during critical stages of flowering.

- Due to forecast of 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.
- **Brinjal , tomato and chilliseedlings** should be planted in the main field. Whenever **sucking pets** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenhiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam @ 0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

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

Mango: July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnakha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied only in dry days.

Dr Sujata Sethy
(Nodal officer)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



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



Bulletin No.-217
Date- 06/08/2021

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com
AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 03mm and district received average 02mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 87-77%.

Forecasted period: Today(8.30IST) to 11th August (8.30IST)2021

Weather advisory: Light rainfall is forecasted for today tomorrow and very light rainfall is forecasted for next 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 32-38°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-78% and 38-47% 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)				
	07/08/2021	08/08/2021	09/08/2021	10/08/2021	11/08/2021
Rainfall(mm)	6	7	3	2	1
T-Max(°C)	32	34	34	36	38
T-Min(°C)	27	26	28	28	28
Cloud Cover(octa)	3	6	7	8	7
RH Max (%)	78	78	74	71	66
RH Min (%)	47	47	46	43	38
Wind Speed (Kmph)	9	9	11	12	13
Wind Direction (deg)	203	210	225	225	289

Agromet Advisory

General advisory: In view of the possibility of light to moderate rainfall tomorrow farmers are advised to provide adequate drainage facilities in standing kharif crops, vegetables and orchards. Drain out excess water and maintain optimum water level of 2.5 to 5 cm in transplanted rice fields. Postpone intercultural operations, application of plant protection chemicals and fertilizers to the standing kharif crops in tomorrow.

Kharifrice:(DIRECT SEEDED RICE): Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

TRANSPLANTED RICE: 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azosporillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds.

Maize: After 3-4 weeks of sowing go for top dressing of 35kg urea followed by earthing up. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac. Now the weather condition prefers occurrence of **red hairy caterpillar** in maize, then go for spraying of neem oil 5ml/ltr or chlropyrifos 2ml/ltr water,

VEGETABLES: June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of 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.
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(Nodal officer)



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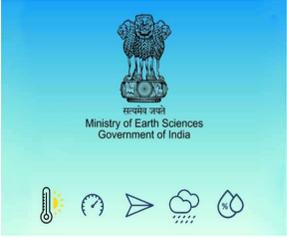
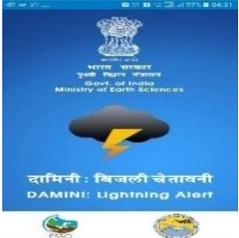
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Bulletin No.-217
Date- 06/08/2021

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

- 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://imdagrimet.gov.in/imdproject/AGIndex.php	

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