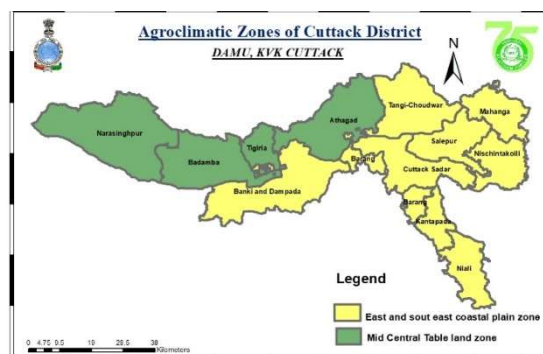
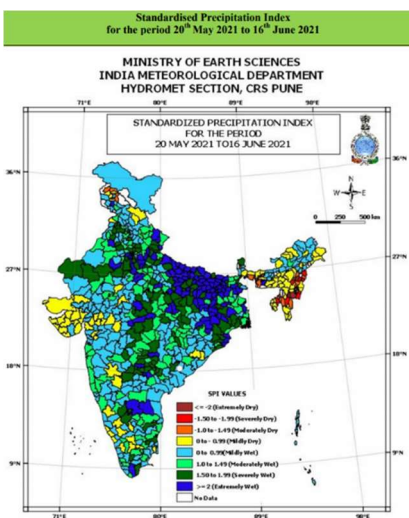


AGROCLIMATIC ZONES OF CUTTACK DISTRICT:



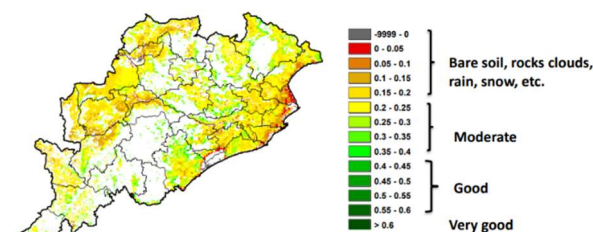
STANDARD PRECIPITATION INDEX AND NDVI MAP



As per SPI value (cumulative 4weeks -20 May 2021 to 16 June 2021), Severely Wet condition was there in Cuttack district.

NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 23
(04.06.2021 to 10.06.2021) over Agricultural region

Odisha



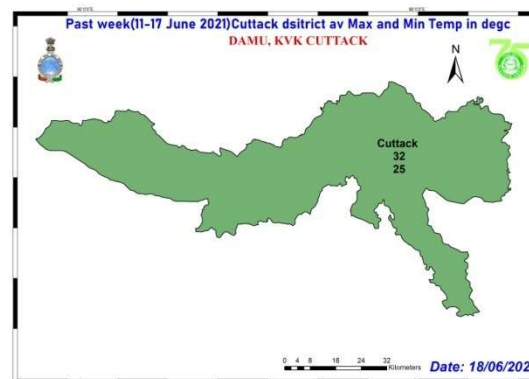
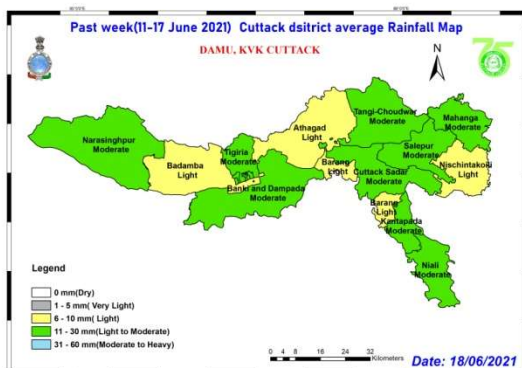
Agriculture vigour is moderate over isolated pockets of the state.

According to NDVI map (04.06.2021 to 10.06.2021) the agriculture vigor was Very light to light over many of the blocks and light to moderate over some part of Narsingpur, Badamba, Banki-Damapada, Athahad blocks of Cuttack district.

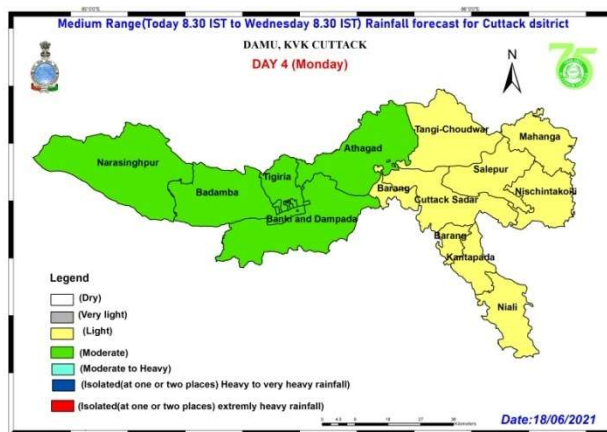
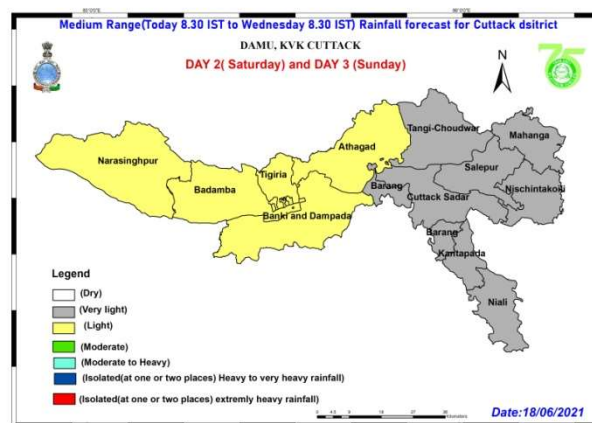
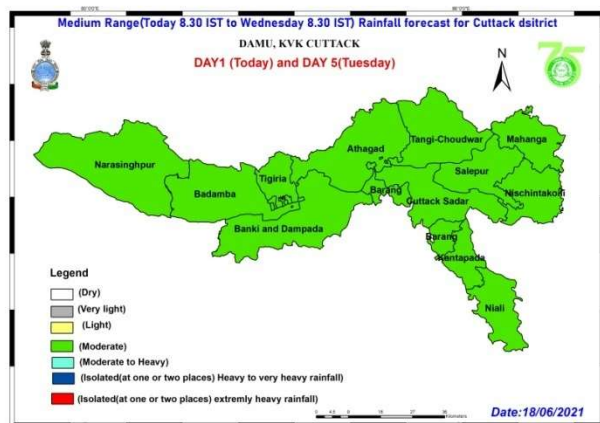
LEGEND (Medium range block level rainfall forecast)

	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




Past week (11-17 June 2021) Cuttack district Rainfall and Temperature map



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



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	Tillering		Early shot borer
2	Jute	30-50days		Stem rot
				Jute Hairy caterpillar
				Grey weevil
				Yellow Mite
3	Brinjal	Fruiting		Phomopsis Blight
4	Tomato and brinjal	Fruting		Bacterial wilt
5	Cucurbits And pointed gourd	Flowering to Fruiting stage		Leaf blight
				Leaf spot
				Downy Mildew
6	Okra	fruting		Yellow mosaic virus

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (23 rd June to 29 th June 2021)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	1.49	Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	0.08	Normal
	Minimum temperature	-0.41	Normal

General Agromet Advisory:- There will be **normal rainfall in subsequent week after 5 days (23-29 June 2021) in Odisha condition**, and also there was excess rainfall in Cuttack district then normal in between 1st June to 17th June, so farmers are advised to drain out excess water from the field and should complete nursery sowing (dry nursery) of kharif rice in that period.

Updated Long range forecast for the 2021 South-west Monsoon seasonal rainfall

- *This year, Southwest Monsoon has set in over Kerala today, the 3rd June, 2021, against the normal date of 1st June.*
- 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)). (**Fig.1.**)
- Quantitatively, the monsoon seasonal (June to September) rainfall over the country as a whole is likely to be **101% of the Long Period Average (LPA) with a model error of $\pm 4\%$** . The LPA of the season rainfall over the country as a whole for the period 1961-2010 is 88 cm.
- The southwest monsoon seasonal (June to September) rainfall over the monsoon core zone, which consists of most of the rainfed agriculture regions in the country is most likely to be **Above Normal (>106% of LPA)**.
- **The MME probability forecast suggest that the 2021 June rainfall averaged over the country as a whole is most likely to be normal (92 to 108 % of LPA). (Fig.2.)**
- *Hence Farmers should prepare the crop plan depending upon the land type, soil fertility and Variety availability, irrigation facility.*

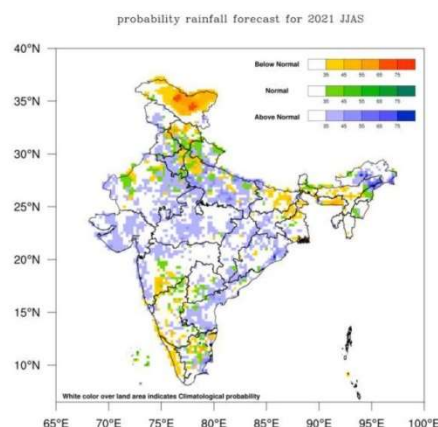


Fig.1. Updated Probability forecast of tercile categories* (below normal, normal and above normal) for the seasonal rainfall over India during the 2021 southwest monsoon season (June - September). The figure illustrates the most likely categories as well as their probabilities. The white shaded areas 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).

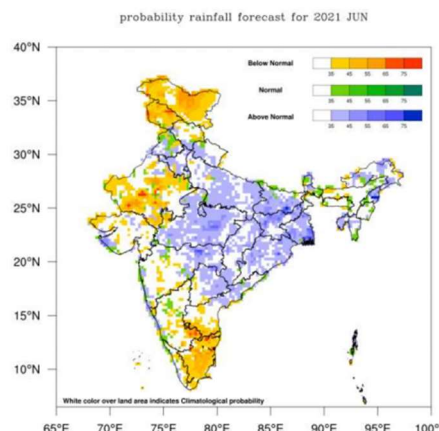


Fig.2. Probability forecast of tercile categories* (below normal, normal and above normal) for the 2021 June rainfall over India. The figure illustrates the most likely categories as well as their probabilities. The white shaded areas within the land area represent climatological probabilities. The probabilities 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.-203
Date- 18/06/2021

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 8mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-71%.

Forecasted period: Today(8.30IST) to 23rd June (8.30IST)2021

Weather advisory: *Moderate rainfall is forecasted for today, Sunday and Monday and light rainfall is forecasted for other 2 days in the block.* The day temperature will be 28-31°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-86% and 45-57% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/06/2021	20/06/2021	21/06/2021	22/06/2021	23/06/2021
Rainfall (mm)	16	7	6	13	21
T-Max (°C)	28	30	28	31	31
T-Min (°C)	23	24	24	24	26
Cloud Cover (octa)	7	8	8	8	8
RH Max (%)	86	77	77	80	69
RH Min (%)	57	45	54	47	46
Wind Speed (kmph)	10	13	12	13	12
Wind Direction (deg)	207	246	289	293	293

Agromet Advisory

General advisory: *In view of CRIS seasonal rainfall departure map Cuttack received 48% more (Excess) rainfall than normal in between 1st June to 17th June and also as per SPI there was severely wet condition in last 4 weeks (20 May to 16 June, 2021), So*

- *Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.*
- *Drain out excess water from the nursery during day time.*
- *Make drainage channels in medium and low land crop field.*
- *As monsoon is active go for dry bed nursery sowing.*

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbenidazim 50% WP @ 1.5 g/kg seed. 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. 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.

JUTE: Recent rain has aggravated **weed problem** in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control **stem rot of jute**, spray copper oxychloride @ 3-4 gram/litre of water. Farmers should be alert about the initial infestation of **hairy caterpillar, grey weevils and yellow mites** after rain when the temperature raises with high humidity. Control: i) Spray Lambda Cyhalothrin 5EC @ 1ml/lit or Indoxacarb 14.5 SC @ 1.0 ml/litre in extreme cases of hairy caterpillar. Spray combination of (Chlorpyrifos 50 EC + Cypermethrin 5 EC) @ 1-1.5 ml/l or Chlorpyrifos 20 EC @ 2ml/litre or Quinalphos 25 EC @ 1.25 ml/litre to control grey weevils. To control yellow mite spray Fenpyroximate @ 25ml/15lit water with sticker and repeat the same in consequent next 14 days.

VEGETABLES: *Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.*

- **Fruit and vine rot, leaf blight** of **pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbenidazim 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.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl + Mancozeb/Carboxin + Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- 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.
- **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.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-203
Date- 18/06/2021

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 8mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-71%.

Forecasted period: Today(8.30IST) to 23rd June (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for today, Sunday and Monday and light rainfall is forecasted for other 2 days in the block. The day temperature will be 28-31°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-86% and 45-54% 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	19/06/2021	20/06/2021	21/06/2021	22/06/2021	23/06/2021
Rainfall(mm)	14	7	6	11	23
T-Max(°C)	28	30	29	31	31
T-Min(°C)	23	23	23	23	25
Cloud Cover(octa)	7	8	8	8	8
RH Max (%)	86	77	75	80	69
RH Min (%)	54	46	53	46	45
Wind Speed (Kmph)	10	14	13	13	11
Wind Direction (deg)	212	244	288	287	283

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 48% more (Excess) rainfall than normal in between 1st June to 17th June and also as per SPI there was severely wet condition in last 4 weeks(20 May to 16 June, 2021). So

- Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.
- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.
- As monsoon is active go for dry bed nursery sowing.

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. 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. 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.

JUTE: Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control stem rot of jute, spray copper oxychloride @ 3-4 gram/litre of water. Farmers should be alert about the initial infestation of hairy caterpillar, grey weevils and yellow mites after rain when the temperature raises with high humidity. Control: i) Spray Lambda Cyhalothrin 5EC @ 1ml/lit or Indoxacarb 14.5 SC @ 1.0 ml/litre in extreme cases of hairy caterpillar. Spray combination of (Chlorpyrifos 50 EC + Cypermethrin 5 EC) @ 1-1.5 ml/l or Chlorpyrifos 20 EC @ 2ml/litre or Quinalphos 25 EC @ 1.25 ml/litre to control grey weevils. To control yellow mite spray Fenpyroximate @ 25ml/15lit water with sticker and repeat the same in consequent next 14 days.

VEGETABLES: Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.

- **Fruit and vine rot, leaf blight** of pointed gourd may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- 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.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl + Mancozeb/Carboxin + Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- 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.
- **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.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-203
Date- 18/06/2021

AGROMET ADVISORY BULLETIN FORBANKI

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

The block received average 11mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-71%.

Forecasted period: Today(8.30IST) to 23rd June (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for today, Sunday and Monday and light rainfall is forecasted for other 2days in the block. The day temperature will be 28-32°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-84% and 43-52% 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	19/06/2021	20/06/2021	21/06/2021	22/06/2021	23/06/2021
Rainfall(mm)	14	6	6	11	22
T-Max(°C)	28	30	29	32	32
T-Min(°C)	23	24	23	24	26
Cloud Cover(octa)	7	7	8	8	8
RH Max (%)	84	75	73	78	66
RH Min (%)	52	44	51	44	43
Wind Speed (Kmph)	12	15	13	14	11
Wind Direction (deg)	207	248	288	293	287

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 48% more (Excess) rainfall than normal in between 1st June to 17th June and also as per SPI there was severely wet condition in last 4 weeks(20 May to 16 June, 2021). So

- **Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.**
- **Drain out excess water from the nursery during day time.**
- **Make drainage channels in medium and low land crop field.**
- **As monsoon is active go for dry bed nursery sowing.**

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. 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. 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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JUTE: Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control stem rot of jute, spray copper oxychloride @ 3-4 gram/litre of water. Farmers should be alert about the initial infestation of hairy caterpillar, grey weevils and yellow mites after rain when the temperature raises with high humidity. Control: i) Spray Lambda Cyhalothrin 5EC @ 1ml/lit or Indoxacarb 14.5 SC @ 1.0 ml/litre in extreme cases of hairy caterpillar. Spray combination of (Chlorpyrifos 50 EC + Cypermethrin 5 EC) @ 1-1.5 ml/l or Chlorpyrifos 20 EC @ 2ml/litre or Quinalphos 25 EC @ 1.25 ml/litre to control grey weevils. To control yellow mite spray Fenpyroximate @ 25ml/15lit water with sticker and repeat the same in consequent next 14 days.

VEGETABLES: Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.

- **Fruit and vine rot, leaf blight** of pointed gourd may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
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- 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.
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- 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.

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

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(Nodal officer)



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Debasish Jena

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Bulletin No.-203
Date- 18/06/2021

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

District Past week average weather condition

The district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-71%.

Forecasted period: Today(8.30IST) to 23rd June (8.30IST)2021

Weather Advisory: *Moderate rainfall is forecasted for today, Sunday and Monday and light rainfall is forecasted for other 2days in the block.* The day temperature will be 28-32°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-84% and 42-53% 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	19/06/2021	20/06/2021	21/06/2021	22/06/2021	23/06/2021
Rainfall(mm)	15	6	6	11	22
T-Max(°C)	28	30	29	32	32
T-Min(°C)	23	24	23	24	26
Cloud Cover(octa)	7	7	8	8	8
RH Max (%)	84	75	73	78	66
RH Min (%)	53	44	51	44	42
Wind Speed (Kmph)	12	15	13	13	11
Wind Direction (deg)	207	248	288	293	287

Agromet Advisory

General advisory: *In view of CRIS seasonal rainfall departure map Cuttack received 48% more (Excess) rainfall than normal in between 1st June to 17th June and also as per SPI there was severely wet condition in last 4 weeks (20 May to 16 June, 2021). So*

- *Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.*
- *Drain out excess water from the nursery during day time.*
- *Make drainage channels in medium and low land crop field.*
- *As monsoon is active go for dry bed nursery sowing.*

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. 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. 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.

JUTE: Recent rain has aggravated **weed problem** in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control **stem rot of jute**, spray copper oxychloride @ 3-4 gram/litre of water. Farmers should be alert about the initial infestation of **hairy caterpillar, grey weevils and yellow mites** after rain when the temperature raises with high humidity. Control: i) Spray Lambda Cyhalothrin 5EC @ 1ml/lit or Indoxacarb 14.5 SC @ 1.0 ml/litre in extreme cases of hairy caterpillar. Spray combination of (Chlorpyrifos 50 EC + Cypermethrin 5 EC) @ 1-1.5 ml/l or Chlorpyrifos 20 EC @ 2ml/litre or Quinalphos 25 EC @ 1.25 ml/litre to control grey weevils. To control yellow mite spray Fenpyroximate @ 25ml/15lit water with sticker and repeat the same in consequent next 14 days.

VEGETABLES: *Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.*

- **Fruit and vine rot, leaf blight of pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- 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.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl + Mancozeb/Carboxin + Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- 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.
- **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.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-203
Date- 18/06/2021

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 10mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-71%.

Forecasted period: Today(8.30IST) to 23rd June (8.30IST)2021

Weather advisory: *Moderate rainfall is forecasted for today and Monday and very light to light rainfall is forecasted for other 3 days in the block.* The day temperature will be 28-32°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-84% and 41-55% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/06/2021	20/06/2021	21/06/2021	22/06/2021	23/06/2021
Rainfall(mm)	17	4	4	10	21
T-Max(°C)	28	30	29	31	32
T-Min(°C)	24	24	24	25	26
Cloud Cover	7	8	8	8	8
RH Max (%)	84	76	74	77	66
RH Min (%)	55	44	49	46	41
Wind Speed (Kmph)	14	15	13	13	12
Wind Direction (deg)	204	238	288	293	285

Agromet Advisory

General advisory: *In view of CRIS seasonal rainfall departure map Cuttack received 48% more (Excess) rainfall than normal in between 1st June to 17th June and also as per SPI there was severely wet condition in last 4 weeks (20 May to 16 June, 2021). So*

- *Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.*
- *Drain out excess water from the nursery during day time.*
- *Make drainage channels in medium and low land crop field.*
- *As monsoon is active go for dry bed nursery sowing.*

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. 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. 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 foot 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.

JUTE: Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control stem rot of jute, spray copper oxychloride @ 3-4 gram/litre of water. Farmers should be alert about the initial infestation of hairy caterpillar, grey weevils and yellow mites after rain when the temperature raises with high humidity. Control: i) Spray Lambda Cyhalothrin 5EC @ 1ml/lit or Indoxacarb 14.5 SC @ 1.0 ml/litre in extreme cases of hairy caterpillar. Spray combination of (Chlorpyrifos 50 EC + Cypermethrin 5 EC) @ 1-1.5 ml/l or Chlorpyrifos 20 EC @ 2ml/litre or Quinalphos 25 EC @ 1.25 ml/litre to control grey weevils. To control yellow mite spray Fenpyroximate @ 25ml/15lit water with sticker and repeat the same in consequent next 14 days.

VEGETABLES: *Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.*

- **Fruit and vine rot, leaf blight** of pointed gourd may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- 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.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl + Mancozeb/Carboxin + Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- 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.
- **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.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-203
Date- 18/06/2021

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 14mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-71%.

Forecasted period: Today(8.30IST) to 23rd June (8.30IST)2021

Weather advisory: *Moderate rainfall is forecasted for today and Monday and very light to light rainfall is forecasted for other 3 days in the block.* The day temperature will be 27-31°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-85% and 44-57% 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	19/06/2021	20/06/2021	21/06/2021	22/06/2021	23/06/2021
Rainfall(mm)	16	3	4	10	25
T-Max(°C)	27	30	28	31	31
T-Min(°C)	24	24	24	25	26
Cloud Cover(octa)	7	8	8	8	8
RH Max (%)	85	77	76	78	68
RH Min (%)	57	44	53	48	45
Wind Speed (Kmph)	12	14	13	15	12
Wind Direction (deg)	204	238	288	293	290

Agromet Advisory

General advisory: *In view of CRIS seasonal rainfall departure map Cuttack received 48% more (Excess) rainfall than normal in between 1st June to 17th June and also as per SPI there was severely wet condition in last 4 weeks (20 May to 16 June, 2021). So*

- *Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.*
- *Drain out excess water from the nursery during day time.*
- *Make drainage channels in medium and low land crop field.*
- *As monsoon is active go for dry bed nursery sowing.*

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. 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. 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: The crop is at tillering (15-16 week) stage. Early shoot borer may attack the young tillers of sugarcane. To control the early shoot borer infestation in sugarcane spray Profenofos 400ml per acre @ 2ml/lit of water. Complete hoeing and weeding and apply 100kg urea with 35kg MOP for one acre crop followed by earthing up and irrigation. Plan for irrigation at 10 days interval between 5-14 week stage of crop observing the soil moisture and forecasted rain.

JUTE: Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control stem rot of jute, spray copper oxychloride @ 3-4 gram/litre of water. Farmers should be alert about the initial infestation of hairy caterpillar, grey weevils and yellow mites after rain when the temperature raises with high humidity. Control: i) Spray Lambda Cyhalothrin 5EC @ 1ml/lit or Indoxacarb 14.5 SC @ 1.0 ml/litre in extreme cases of hairy caterpillar. Spray combination of (Chlorpyrifos 50 EC + Cypermethrin 5 EC) @ 1-1.5 ml/l or Chlorpyrifos 20 EC @ 2ml/litre or Quinalphos 25 EC @ 1.25 ml/litre to control grey weevils. To control yellow mite spray Fenpyroximate @ 25ml/15lit water with sticker and repeat the same in consequent next 14 days.

VEGETABLES: *Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.*

- **Fruit and vine rot, leaf blight of pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- 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.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl + Mancozeb/Carboxin + Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- 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.
- **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.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-203
Date- 18/06/2021

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 21mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-71%.

Forecasted period: Today(8.30IST) to 23rd June (8.30IST)2021

Weatheradvisory: *Moderate rainfall is forecasted for today and Monday and very light to light rainfall is forecasted for other 3 days in the block.* The day temperature will be 28-33°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-83% and 39-54% 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	19/06/2021	20/06/2021	21/06/2021	22/06/2021	23/06/2021
Rainfall(mm)	12	4	2	9	24
T-Max(°C)	28	29	30	33	33
T-Min(°C)	24	25	25	25	27
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	83	76	71	75	68
RH Min (%)	54	48	45	42	39
Wind Speed (Kmph)	15	17	13	13	13
Wind Direction (deg)	204	246	283	293	214

Agromet Advisory

General General advisory: *In view of CRIS seasonal rainfall departure map Cuttack received 48% more (Excess) rainfall then normal in between 1st June to 17th June and also as per SPI there was severely wet condition in last 4 weeks(20 May to 16 June, 2021). So Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.*

- *Drain out excess water from the nursery during day time.*
- *Make drainage channels in medium and low land crop field.*
- *As monsoon is active go for dry bed nursery sowing.*

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. 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. 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: The crop is at tillering (15-16 week) stage. Early shoot borer may attack the young tillers of sugarcane. To control the early shoot borer infestation in sugarcane spray Profenofos 400ml per acre @ 2ml/litre of water. Complete hoeing and weeding and apply 100kg urea with 35kg MOP for one acre crop followed by earthing up and irrigation. Plan for irrigation at 10 days interval between 5-14 week stage of crop observing the soil moisture and forecasted rain.

VEGETABLES: *Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.*

- **Fruit and vine rot, leaf blight** of **pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- 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.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- 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.
- **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.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-203
Date- 18/06/2021

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 15mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-71%.

Forecasted period: Today(8.30IST) to 23rd June (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for today and Monday and very light to light rainfall is forecasted for other 3 days in the block. The day temperature will be and it will be 27-31°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-85% and 46-59% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Mahanga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/06/2021	20/06/2021	21/06/2021	22/06/2021	23/06/2021
Rainfall(mm)	16	3	4	8	30
T-Max(°C)	27	28	28	31	31
T-Min(°C)	24	24	24	24	26
Cloud Cover(octal)	8	8	8	8	8
RH Max (%)	85	80	76	77	70
RH Min (%)	59	52	54	50	46
Wind Speed (Kmph)	14	15	15	16	14
Wind Direction (deg)	204	243	283	290	285

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 48% more (Excess) rainfall than normal in between 1st June to 17th June and also as per SPI there was severely wet condition in last 4 weeks(20 May to 16 June, 2021). So

- Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.
- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.
- As monsoon is active go for dry bed nursery sowing.

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. 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. 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 are required for 400 m² nursery area.

Sugarcane: The crop is at tillering (15-16 week) stage. Early shoot borer may attack the young tillers of sugarcane. To control the early shoot borer infestation in sugarcane spray Profenofos 400ml per acre @ 2ml/litre of water. Complete hoeing and weeding and apply 100kg urea with 35kg MOP for one acre crop followed by earthing up and irrigation. Plan for irrigation at 10 days interval between 5-14 week stage of crop observing the soil moisture and forecasted rain.

JUTE: Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control stem rot of jute, spray copper oxychloride @ 3-4 gram/litre of water. Farmers should be alert about the initial infestation of hairy caterpillar, grey weevils and yellow mites after rain when the temperature rises with high humidity. Control: i) Spray Lambda Cyhalothrin 5EC @ 1ml/litre or Indoxacarb 14.5 SC @ 1.0 ml/litre in extreme cases of hairy caterpillar. Spray combination of (Chlorpyrifos 50 EC + Cypermethrin 5 EC) @ 1-1.5 ml/l or Chlorpyrifos 20 EC @ 2ml/litre or Quinalphos 25 EC @ 1.25 ml/litre to control grey weevils. To control yellow mite spray Fenpyroximate @ 25ml/15lit water with sticker and repeat the same in consequent next 14 days.

VEGETABLES: Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.

- **Fruit and vine rot, leaf blight of pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- 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.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl + Mancozeb/Carboxin + Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- 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.
- **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.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-203
Date- 18/06/2021

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 18mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-71%.

Forecasted period: Today(8.30IST) to 23rd June (8.30IST)2021

Weather advisory: *Moderate rainfall is forecasted for today, Sunday and Monday and light rainfall is forecasted for other 2 days in the block.* The day temperature will be 26-31°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-89% and 48-59% 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	19/06/2021	20/06/2021	21/06/2021	22/06/2021	23/06/2021
Rainfall(mm)	17	8	7	13	24
T-Max(°C)	26	29	28	30	31
T-Min(°C)	22	22	21	22	24
Cloud Cover(/octa)	7	8	8	8	8
RH Max (%)	89	80	79	84	75
RH Min (%)	59	49	54	48	48
Wind Speed (Kmph)	6	10	11	10	10
Wind Direction (deg)	214	238	283	283	283

Agromet Advisory

General advisory: *In view of CRIS seasonal rainfall departure map Cuttack received 48% more (Excess) rainfall than normal in between 1st June to 17th June and also as per SPI there was severely wet condition in last 4 weeks (20 May to 16 June, 2021). So*

- *Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.*
- *Drain out excess water from the nursery during day time.*
- *Make drainage channels in medium and low land crop field.*
- *As monsoon is active go for dry bed nursery sowing.*

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. 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. 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.

JUTE: Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control stem rot of jute, spray copper oxychloride @ 3-4 gram/litre of water. Farmers should be alert about the initial infestation of hairy caterpillar, grey weevils and yellow mites after rain when the temperature raises with high humidity. Control: i) Spray Lambda Cyhalothrin 5EC @ 1ml/lit or Indoxacarb 14.5 SC @ 1.0 ml/litre in extreme cases of hairy caterpillar. Spray combination of (Chlorpyrifos 50 EC + Cypermethrin 5 EC) @ 1-1.5 ml/l or Chlorpyrifos 20 EC @ 2ml/litre or Quinalphos 25 EC @ 1.25 ml/litre to control grey weevils. To control yellow mite spray Fenpyroximate @ 25ml/15lit water with sticker and repeat the same in consequent next 14 days.

VEGETABLES: *Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.*

- **Fruit and vine rot, leaf blight** of pointed gourd may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- 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.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl + Mancozeb/Carboxin + Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- 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.
- **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.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-203
Date- 18/06/2021

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 27mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-71%.

Forecasted period: Today(8.30IST) to 23rd June (8.30IST)2021

Weather advisory: *Moderate rainfall is forecasted for today and Monday and very light to light rainfall is forecasted for other 3 days in the block.* The day temperature will be 28-33°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-81% and 40-55% 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	19/06/2021	20/06/2021	21/06/2021	22/06/2021	23/06/2021
Rainfall(mm)	14	4	5	9	23
T-Max(°C)	28	28	31	33	33
T-Min(°C)	24	25	25	25	27
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	81	76	69	73	69
RH Min (%)	55	54	44	41	40
Wind Speed(Kmph)	17	19	13	12	15
Wind Direction(deg)	212	243	270	287	225

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 48% more (Excess) rainfall than normal in between 1st June to 17th June and also as per SPI there was severely wet condition in last 4 weeks (20 May to 16 June, 2021). So

- Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.
- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.
- As monsoon is active go for dry bed nursery sowing.

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. 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. 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: The crop is at tillering (15-16 week) stage. **Early shoot borer** may attack the young tillers of sugarcane. To control the early shoot borer infestation in sugarcane spray Profenofos 400ml per acre @ 2ml/lit of water. Complete hoeing and weeding and apply 100kg urea with 35kg MOP for one acre crop followed by earthing up and irrigation. Plan for irrigation at 10 days interval between 5-14 week stage of crop observing the soil moisture and forecasted rain.

VEGETABLES: Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.

- **Fruit and vine rot, leaf blight** of **pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- 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.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- 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.
- **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.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-203
Date- 18/06/2021

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 10mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-71%.

Forecasted period: Today(8.30IST) to 23rd June (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for today and Monday and very light to light rainfall is forecasted for other 3 days in the block. The day temperature will be 27-32°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-84% and 43-57% 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	19/06/2021	20/06/2021	21/06/2021	22/06/2021	23/06/2021
Rainfall(mm)	15	4	4	9	27
T-Max(°C)	27	28	28	31	32
T-Min(°C)	24	24	24	24	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	84	79	75	76	70
RH Min (%)	57	52	51	49	43
Wind Speed (Kmph)	14	15	15	16	14
Wind Direction (deg)	204	238	283	290	285

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 48% more (Excess) rainfall than normal in between 1st June to 17th June and also as per SPI there was severely wet condition in last 4 weeks (20 May to 16 June, 2021). So

- Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.
- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.
- As monsoon is active go for dry bed nursery sowing.

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. 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. 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: The crop is at tillering (15-16 week) stage. Early shoot borer may attack the young tillers of sugarcane. To control the early shoot borer infestation in sugarcane spray Profenofos 400ml per acre @ 2ml/lit of water. Complete hoeing and weeding and apply 100kg urea with 35kg MOP for one acre crop followed by earthing up and irrigation. Plan for irrigation at 10 days interval between 5-14 week stage of crop observing the soil moisture and forecasted rain.

VEGETABLES: Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.

- **Fruit and vine rot, leaf blight** of pointed gourd may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- 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.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- 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.
- **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.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-203
Date- 18/06/2021

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 15mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-71%.

Forecasted period: Today(8.30IST) to 23rd June (8.30IST)2021

Weatheradvisory: *Moderate rainfall is forecasted for today and Monday and very light to light rainfall is forecasted for other 3 days in the block.* The day temperature will be 27-32°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-84% and 44-57% 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	19/06/2021	20/06/2021	21/06/2021	22/06/2021	23/06/2021
Rainfall(mm)	15	5	4	10	28
T-Max(°C)	27	29	28	31	32
T-Min(°C)	24	24	24	24	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	84	79	76	77	69
RH Min (%)	57	50	52	49	44
Wind Speed (Kmph)	14	15	14	16	13
Wind Direction (deg)	204	243	283	290	285

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 48% more (Excess) rainfall than normal in between 1st June to 17th June and also as per SPI there was severely wet condition in last 4 weeks(20 May to 16 June, 2021). So

- Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.
- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.
- As monsoon is active go for dry bed nursery sowing.

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. 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. 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.

JUTE: Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control stem rot of jute, spray copper oxychloride @ 3-4 gram/litre of water. Farmers should be alert about the initial infestation of hairy caterpillar, grey weevils and yellow mites after rain when the temperature raises with high humidity. Control: i) Spray Lambda Cyhalothrin 5EC @ 1ml/lit or Indoxacarb 14.5 SC @ 1.0 ml/litre in extreme cases of hairy caterpillar. Spray combination of (Chlorpyrifos 50 EC + Cypermethrin 5 EC) @ 1-1.5 ml/l or Chlorpyrifos 20 EC @ 2ml/litre or Quinalphos 25 EC @ 1.25 ml/litre to control grey weevils. To control yellow mite spray Fenpyroximate @ 25ml/15lit water with sticker and repeat the same in consequent next 14 days.

VEGETABLES: Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.

- **Fruit and vine rot, leaf blight** of pointed gourd may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- 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.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl + Mancozeb/Carboxin + Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- 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.
- **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.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-203
Date- 18/06/2021

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 24mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-71%.

Forecasted period: Today(8.30IST) to 23rd June (8.30IST)2021

Weatheradvisory: *Moderate rainfall is forecasted for today and Monday and very light to light rainfall is forecasted for other 3 days in the block.* The day temperature will be 32-37°C and night temperature will be 28-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-80% and 47-63% 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	19/06/2021	20/06/2021	21/06/2021	22/06/2021	23/06/2021
Rainfall(mm)	16	5	4	10	29
T-Max(°C)	33	32	35	36	37
T-Min(°C)	28	28	28	28	30
Cloud Cover(octa)	8	8	8	7	8
RH Max (%)	80	78	72	75	73
RH Min (%)	61	63	48	47	47
Wind Speed (Kmph)	19	21	16	15	18
Wind Direction (deg)	225	243	270	259	216

Agromet Advisory

General advisory: *In view of CRIS seasonal rainfall departure map Cuttack received 48% more (Excess) rainfall than normal in between 1st June to 17th June and also as per SPI there was severely wet condition in last 4 weeks (20 May to 16 June, 2021). So*

- *Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.*
- *Drain out excess water from the nursery during day time.*
- *Make drainage channels in medium and low land crop field.*
- *As monsoon is active go for dry bed nursery sowing.*

Kharif rice: Sowing should be started soon after received of good amount (weekly av 10mm) of early monsoon showers where direct seeding is practiced. Incorporate FYM or compost @ 2000 Kg/acre. Apply 26 kg DAP and 20 kg MoP per acre during last ploughing. Sow the short duration varieties @ 25-30 kg/acre behind the plough with maintaining 15-20 cm row to row distance. Before sowing seed should be treated with Trichoderma viride @ 10 g or Carbendazim 50% WP @ 1.5 g/kg seed. 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. 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.

JUTE: Recent rain has aggravated **weed problem** in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control **stem rot of jute**, spray copper oxychloride @ 3-4 gram/litre of water. Farmers should be alert about the initial infestation of **hairy caterpillar, grey weevils and yellow mites** after rain when the temperature rises with high humidity. Control: i) Spray Lambda Cyhalothrin 5EC @ 1ml/lit or Indoxacarb 14.5 SC @ 1.0 ml/litre in extreme cases of hairy caterpillar. Spray combination of (Chlorpyrifos 50 EC + Cypermethrin 5 EC) @ 1-1.5 ml/l or Chlorpyrifos 20 EC @ 2ml/litre or Quinalphos 25 EC @ 1.25 ml/litre to control grey weevils. To control yellow mite spray Fenpyroximate @ 25ml/15lit water with sticker and repeat the same in consequent next 14 days.

VEGETABLES: *Chances of moderate rainfall during next five days. So, make arrangement for drain out excess water from vegetables field.*

- **Fruit and vine rot, leaf blight** of **pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day.
- 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.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl + Mancozeb/Carboxin + Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- 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.
- **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.

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

Dr Sujata Sethy
(Nodal officer)



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



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(A Unit of ICAR-National Rice Research Institute)



Email: kvkcuttack@gmail.com

Bulletin No.-203
Date- 18/06/2021

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 13mm and district received average 14mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 89-71%.

Forecasted period: Today(8.30IST) to 23rd June (8.30IST)2021

Weather advisory: *Moderate rainfall is forecasted for today, Sunday and Monday and light rainfall is forecasted for other 2days in the block.* The day temperature will be 28-31°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-87% and 45-56% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Tigiria(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/06/2021	20/06/2021	21/06/2021	22/06/2021	23/06/2021
Rainfall(mm)	13	8	6	14	22
T-Max(°C)	28	30	28	31	31
T-Min(°C)	23	24	23	24	26
Cloud Cover(octa)	7	8	8	8	8
RH Max (%)	87	78	77	80	70
RH Min (%)	56	45	55	47	47
Wind Speed (Kmph)	10	14	12	13	11
Wind Direction (deg)	207	243	283	290	289

Agromet Advisory

General advisory: *In view of CRIS seasonal rainfall departure map Cuttack received 48% more (Excess) rainfall then normal in between 1st June to 17th June and also as per SPI there was severely wet condition in last 4 weeks(20 May to 16 June, 2021). So*

- *Complete sowing of paddy seeds in dry nursery in raised bed of 6 inch height and 3 ft wide with convenient length.*
- *Drain out excess water from the nursery during day time.*
- *Make drainage channels in medium and low land crop field.*
- *As monsoon is active go for dry bed nursery sowing.*

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Date- 18/06/2021

			
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://imdagrmet.gov.in/imdproject/AGIndex.php	

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