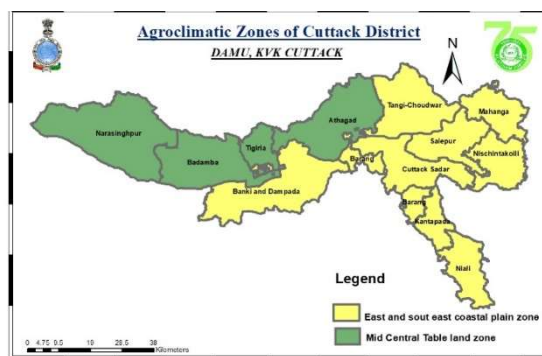
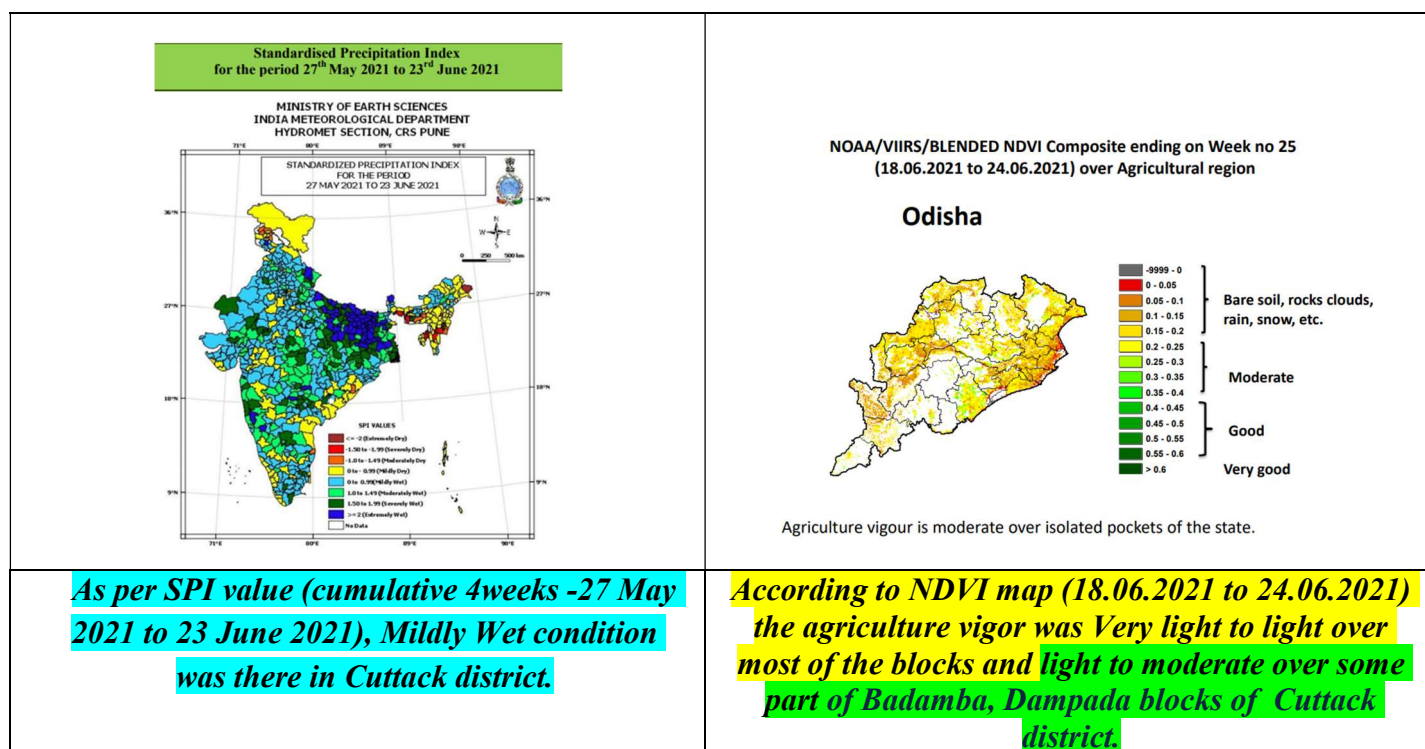


AGROCLIMATIC ZONES OF CUTTACK DISTRICT:

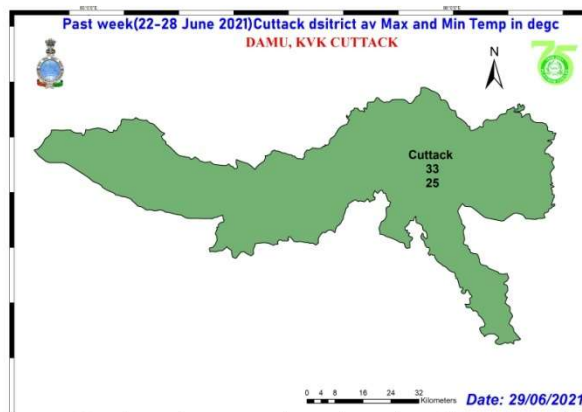
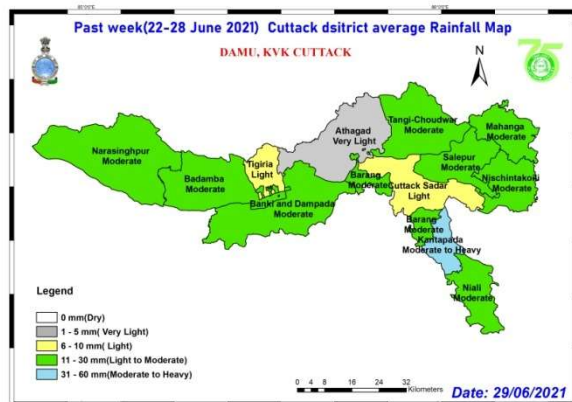


STANDARD PRECIPITATION INDEX AND NDVI MAP

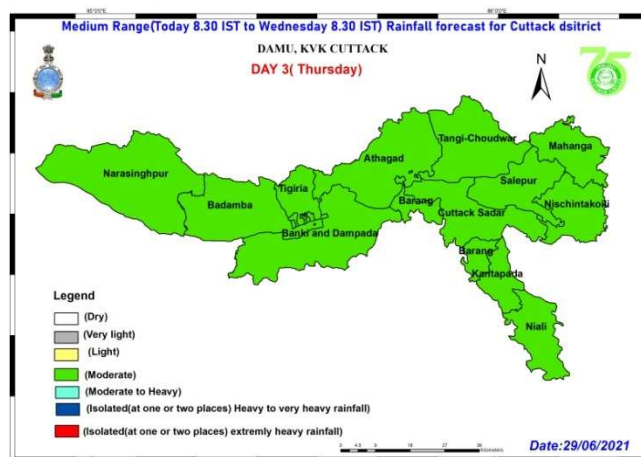
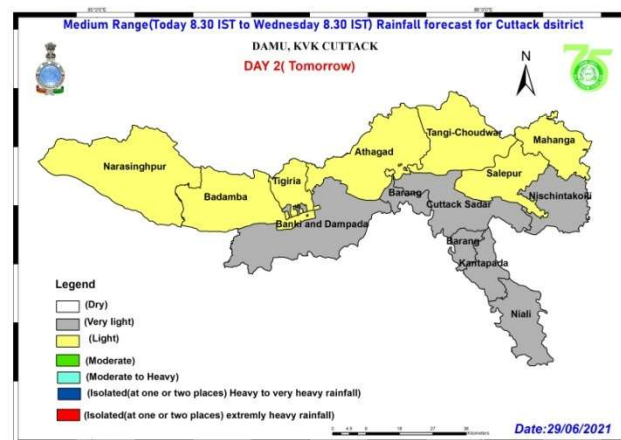
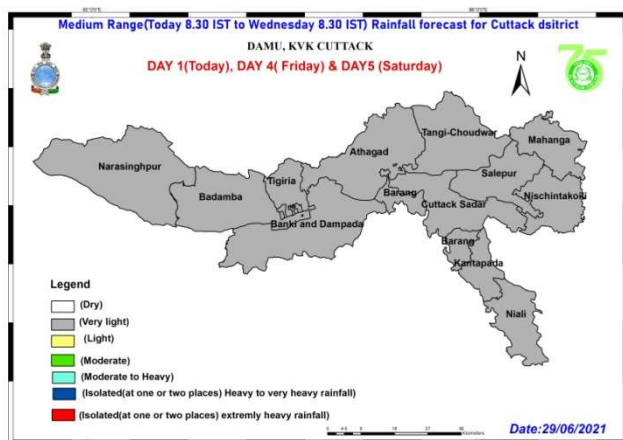


LEGEND (Medium range block level rainfall forecast)		
	No Rainfall	00 mm
	Very light rainfall	01-05 mm
	Light rainfall	06-10 mm
	Light to moderate rainfall	11-30 mm
	Moderate to heavy rainfall	31-65 mm
	Heavy rainfall	66-115 mm
	Very heavy rainfall	116-205 mm
	Extremely heavy rainfall	>206 mm












Past week (22-28 June 2021) Cuttack district Rainfall and Temperature map



Medium range (Today (8.30IST) to Sunday (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	Rice	Nursery stage		Thrips
				Seedling blight
				Blast
2	Sugarcane	Tillering		Early shot borer
				Top borer
				Smut
3	Jute	30-50days		Stem rot
				Jute Hairy caterpillar
				Grey weevil
				Yellow Mite
4	Brinjal	Fruiting		Phomopsis Blight



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Bulletin No.-206
Date- 29/06/2021

5	Tomato and brinjal	Fruting		Bacterial wilt
6	chilli	fruting		thrips
7	okra	Fruting		Fruit and shoot borer

Dr Sujata Sethy
(Nodal officer)



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Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (04 th July to 10 th July 2021)		
Odisha	Parameter	Departure (%)	Category
	Rainfall	17.53	Normal
	Parameter	Anomaly	Category
	Maximum temperature	-0.60	Normal
	Minimum temperature	-0.27	Normal

General Agromet Advisory:- There will be normal rainfall in subsequent week after 5 days (04 July-10 July 2021) in Odisha condition, and also there was excess rainfall in Cuttack district then normal in between 1st June to 28th June, so farmers are advised to drain out excess water from their rice nurseries and also should complete direct as well as 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.*

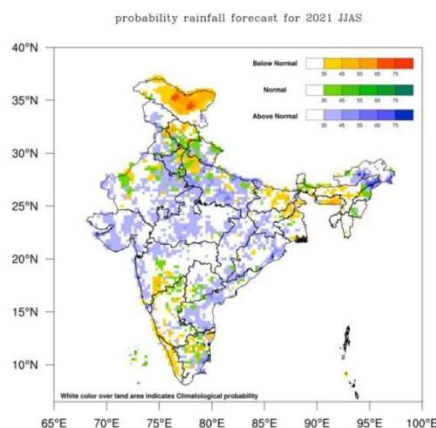


Fig.1. Updated Probability forecast of tercile categories* (below normal, normal and above normal) for the seasonal rainfall over India during the 2021 southwest monsoon season (June - September). The figure illustrates the most likely categories as well as their probabilities. The white shaded areas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

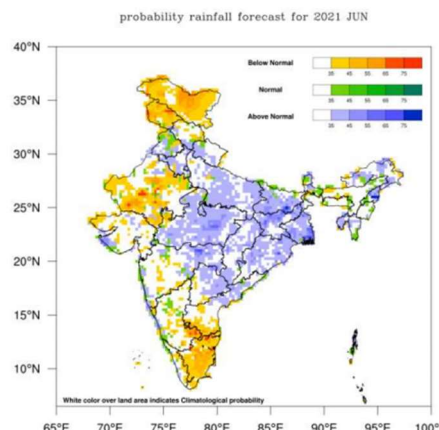


Fig.2. Probability forecast of tercile categories* (below normal, normal and above normal) for the 2021 June rainfall over India. The figure illustrates the most likely categories as well as their probabilities. The white shaded areas within the land area represent climatological probabilities. The probabilities 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.-206
Date- 29/06/2021

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 4mm and district received average 14mm 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 84-83%.

Forecasted period: Today(8.30IST) to 04th July (8.30IST)2021

Weather advisory: Moderate rainfall/thundershower is forecasted for Thursday and light to very light rainfall is forecasted for other 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 33-36°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-74% and 36-45% 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	30/06/2021	01/07/2021	02/07/2021	03/07/2021	04/07/2021
Rainfall (mm)	3	8	25	3	2
T-Max (°C)	33	36	33	33	33
T-Min (°C)	28	28	26	27	27
Cloud Cover (octa)	8	8	8	8	8
RH Max (%)	74	70	74	68	69
RH Min (%)	45	36	38	41	43
Wind Speed (kmph)	18	19	14	11	9
Wind Direction (deg)	207	212	248	238	285

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 27% more (Excess) rainfall than normal in between 1st June to 28th June and also as per SPI there was mildly wet condition in last 4 weeks (27 May to 23 June, 2021), So

- Drain out excess water from the nursery during day time.
 - Make drainage channels in medium and low land crop field.
- As thunderstorm with light

Kharifrice: DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl @ 20g a.i. ha⁻¹ in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium @ 80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE: In assured irrigated areas select the land for wet bed nursery close to source of irrigation water with good drainage facilities. It is advisable to follow community nursery approach at village level. To transplant one-acre area about 320 m² area nursery beds are required. Prepare wet nursery raised beds of 10cm high, 1.2-1.5 m wide and of convenient length. Well defined irrigation/drainage channel of 30-45 cm width must be kept in between two beds. Seed requirement for 1 acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds.

- Prevailing temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC @ 2ml/l of water or Thiomethoxam @ 0.4g/ litre of water. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.

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: 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 Metaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- 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.
- Incidence of thrips may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- To control fruit and shoot borer in okra, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-206
Date- 29/06/2021

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 12mm and district received average 14mm 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 84-83%.

Forecasted period: Today(8.30IST) to 04th July (8.30IST)2021

Weather advisory: Moderate rainfall/thundershower is forecasted for Thursday and light to very light rainfall is forecasted for other 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 33-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-75% and 34-43% 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	30/06/2021	01/07/2021	02/07/2021	03/07/2021	04/07/2021
Rainfall(mm)	2	7	22	5	2
T-Max(°C)	34	35	33	33	33
T-Min(°C)	27	27	26	26	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	73	68	75	66	68
RH Min (%)	42	34	40	42	43
Wind Speed (Kmph)	16	16	12	11	9
Wind Direction (deg)	207	214	248	238	270

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 27% more (Excess) rainfall than normal in between 1st June to 28th June and also as per SPI there was mildly wet condition in last 4 weeks (27 May to 23 June, 2021), So

- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.

Kharifrice: DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl @ 20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium @ 80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE: In assured irrigated areas select the land for wet bed nursery close to source of irrigation water with good drainage facilities. It is advisable to follow community nursery approach at village level. To transplant one-acre area about 320 m² area nursery beds are required. Prepare wet nursery raised beds of 10cm high, 1.2-1.5 m wide and of convenient length. Well defined irrigation/drainage channel of 30-45 cm width must be kept in between two beds. Seed requirement for 1 acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds.

➤ Prevailing temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC @ 2ml/l of water or Thiomethoxam @ 0.4g/litre of water. Due to past rain if infestation of seedling blight is noticed, apply Propiconazole @ 1 ml / 1litre of water. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.

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: 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.
- **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.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- To control **fruit and shoot borer** in okra, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-206
Date- 29/06/2021

AGROMET ADVISORY BULLETIN FORBANKI

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

The block received average 22mm and district received average 14mm 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 84-83%.

Forecasted period: Today(8.30IST) to 04th July (8.30IST)2021

Weather advisory: *Moderate rainfall/thundershower is forecasted for Thursday and very light rainfall is forecasted for other 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.* The day temperature will be 33-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-74% and 36-43% 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	30/06/2021	01/07/2021	02/07/2021	03/07/2021	04/07/2021
Rainfall(mm)	3	4	23	4	1
T-Max(°C)	33	35	33	33	33
T-Min(°C)	27	27	26	26	27
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	73	69	74	66	69
RH Min (%)	43	36	39	40	42
Wind Speed (Kmph)	19	19	14	12	9
Wind Direction (deg)	207	207	243	238	214

Agromet Advisory

General advisory: *In view of CRIS seasonal rainfall departure map Cuttack received 27% more (Excess) rainfall than normal in between 1st June to 28th June and also as per SPI there was mildly wet condition in last 4 weeks(27 May to 23 June, 2021), So*

- *Drain out excess water from the nursery during day time.*
- *Make drainage channels in medium and low land crop field.*

Kharifrice:DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE: In assured irrigated areas select the land for wet bed nursery close to source of irrigation water with good drainage facilities. It is advisable to follow community nursery approach at village level. To transplant one-acre area about 320 m² area nursery beds are required. Prepare wet nursery raised beds of 10cm high, 1.2-1.5 m wide and of convenient length. Well defined irrigation/drainage channel of 30-45 cm width must be kept in between two beds. Seed requirement for 1 acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds.

➤ *Prevailing temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. Due to past rain if infestation of seedling blight is noticed, apply Propiconazole @ 1 ml / 1litre of water. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.*

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: 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.
- **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.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- To control **fruit and shoot borer** in **okra**, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water.

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

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(Nodal officer)



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Bulletin No.-206
Date- 29/06/2021

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 33°C and 25°C, respectively. Mean relative humidity of the district was around 84-83%.

Forecasted period: Today(8.30IST) to 04th July (8.30IST)2021

Weather Advisory: *Moderate rainfall/thundershower is forecasted for Thursday and very light rainfall is forecasted for other 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.* The day temperature will be 33-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-74% and 36-44% 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	30/06/2021	01/07/2021	02/07/2021	03/07/2021	04/07/2021
Rainfall(mm)	2	4	24	2	1
T-Max(°C)	33	35	33	33	33
T-Min(°C)	27	27	26	26	27
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	74	70	74	67	69
RH Min (%)	44	36	39	40	42
Wind Speed (Kmph)	19	19	14	12	9
Wind Direction (deg)	207	207	243	238	206

Agromet Advisory

General advisory: *In view of CRIS seasonal rainfall departure map Cuttack received 27% more (Excess) rainfall than normal in between 1st June to 28th June and also as per SPI there was mildly wet condition in last 4 weeks (27 May to 23 June, 2021), So*

- *Drain out excess water from the nursery during day time.*
- *Make drainage channels in medium and low land crop field.*

Kharifrice: DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl @ 20g a.i. ha⁻¹ in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium @ 80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE: In assured irrigated areas select the land for wet bed nursery close to source of irrigation water with good drainage facilities. It is advisable to follow community nursery approach at village level. To transplant one-acre area about 320 m² area nursery beds are required. Prepare wet nursery raised beds of 10cm high, 1.2-1.5 m wide and of convenient length. Well defined irrigation/drainage channel of 30-45 cm width must be kept in between two beds. Seed requirement for 1 acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds.

- *Prevailing temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC @ 2ml/l of water or Thiomethoxam @ 0.4g/ litre of water. Due to past rain if infestation of seedling blight is noticed, apply Propiconazole @ 1 ml / 1litre of water. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.*

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: 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.
- **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.
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- To control **fruit and shoot borer** in okra, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-206
Date- 29/06/2021

AGROMET ADVISORY BULLETIN FOR BARANGA

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 33°C and 25°C, respectively. Mean relative humidity of the district was around 84-83%.

Forecasted period: Today(8.30IST) to 04th July (8.30IST)2021

Weather advisory: Moderate rainfall/thundershower is forecasted for Thursday and very light rainfall is forecasted for other 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 33-35°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-76% and 39-46% 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	30/06/2021	01/07/2021	02/07/2021	03/07/2021	04/07/2021
Rainfall(mm)	2	3	24	1	1
T-Max(°C)	33	35	33	33	33
T-Min(°C)	27	28	26	27	27
Cloud Cover	8	8	8	8	8
RH Max (%)	76	75	72	67	71
RH Min (%)	46	39	39	40	42
Wind Speed (Kmph)	23	23	16	14	12
Wind Direction (deg)	207	207	243	225	225

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 27% more (Excess) rainfall than normal in between 1st June to 28th June and also as per SPI there was mildly wet condition in last 4 weeks (27 May to 23 June, 2021), So

- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.

Kharifrice: DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl @ 20g a.i. ha⁻¹ in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium @ 80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE: In assured irrigated areas select the land for wet bed nursery close to source of irrigation water with good drainage facilities. It is advisable to follow community nursery approach at village level. To transplant one-acre area about 320 m² area nursery beds are required. Prepare wet nursery raised beds of 10cm high, 1.2-1.5 m wide and of convenient length. Well defined irrigation/drainage channel of 30-45 cm width must be kept in between two beds. Seed requirement for 1 acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds.

➤ Prevailing temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC @ 2ml/l of water or Thiomethoxam @ 0.4g/ litre of water. Due to past rain if infestation of seedling blight is noticed, apply Propiconazole @ 1 ml / 1litre of water. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.

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: 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.
- 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.
- Incidence of thrips may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- To control fruit and shoot borer in okra, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-206
Date- 29/06/2021

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 10mm and district received average 14mm 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 84-83%.

Forecasted period: Today(8.30IST) to 04th July (8.30IST)2021

Weather advisory: Moderate rainfall/thundershower is forecasted for Thursday and very light rainfall is forecasted for other 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 33-36°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-76% and 37-46% 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	30/06/2021	01/07/2021	02/07/2021	03/07/2021	04/07/2021
Rainfall(mm)	3	4	22	3	2
T-Max(°C)	33	36	33	33	33
T-Min(°C)	28	28	27	27	27
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	76	74	73	68	70
RH Min (%)	46	38	37	40	42
Wind Speed (Kmph)	21	22	16	13	11
Wind Direction (deg)	207	212	243	225	225

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 27% more (Excess) rainfall than normal in between 1st June to 28th June and also as per SPI there was mildly wet condition in last 4 weeks (27 May to 23 June, 2021), So

- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.

Kharifrice: DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl @ 20g a.i. ha⁻¹ in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium @ 80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE: In assured irrigated areas select the land for wet bed nursery close to source of irrigation water with good drainage facilities. It is advisable to follow community nursery approach at village level. To transplant one-acre area about 320 m² area nursery beds are required. Prepare wet nursery raised beds of 10cm high, 1.2-1.5 m wide and of convenient length. Well defined irrigation/drainage channel of 30-45 cm width must be kept in between two beds. Seed requirement for 1 acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds.

➤ Prevailing temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC @ 2ml/l of water or Thiomethoxam @ 0.4g/ litre of water. Due to past rain if infestation of seedling blight is noticed, apply Propiconazole @ 1 ml / 1litre of water. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.

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 and top borer infestation in sugarcane spray Profenofos 400ml per acre @ 2ml/lit of water. Due to warm and humid condition there may be chance of smut disease, to control spray propiconazole @ 1 ml/l or tebuconazole @ 1 ml/l.

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: 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.
- **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.
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- To control **fruit and shoot borer** in okra, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-206
Date- 29/06/2021

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 33mm and district received average 14mm 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 84-83%.

Forecasted period: Today(8.30IST) to 04th July (8.30IST)2021

Weather advisory: *Moderate rainfall/thundershower is forecasted for Thursday and very light rainfall is forecasted for other 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.* The day temperature will be 33-34°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-78% and 39-48% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	30/06/2021	01/07/2021	02/07/2021	03/07/2021	04/07/2021
Rainfall(mm)	3	5	25	2	1
T-Max(°C)	33	34	33	33	33
T-Min(°C)	27	27	26	27	27
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	78	77	72	65	72
RH Min (%)	48	44	43	39	42
Wind Speed (Kmph)	25	26	18	17	15
Wind Direction (deg)	204	207	225	225	216

Agromet Advisory

General advisory: *In view of CRIS seasonal rainfall departure map Cuttack received 27% more (Excess) rainfall than normal in between 1st June to 28th June and also as per SPI there was mildly wet condition in last 4 weeks (27 May to 23 June, 2021), So*

- *Drain out excess water from the nursery during day time.*
- *Make drainage channels in medium and low land crop field.*

Kharifrice: DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE: In assured irrigated areas select the land for wet bed nursery close to source of irrigation water with good drainage facilities. It is advisable to follow community nursery approach at village level. To transplant one-acre area about 320 m² area nursery beds are required. Prepare wet nursery raised beds of 10cm high, 1.2-1.5 m wide and of convenient length. Well defined irrigation/drainage channel of 30-45 cm width must be kept in between two beds. Seed requirement for 1 acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds.

Prevailing temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. Due to past rain if infestation of seedling blight is noticed, apply Propiconazole @ 1 ml / 1litre of water. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l alongwith Plantomycin@1.0 g/l to prevent the spread of the disease.

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 and top borer infestation in sugarcane spray Profenofos 400ml per acre @ 2ml/lit of water. Due to warm and humid condition there may be chance of smut disease, to control spray propiconazole @ 1 ml/l or tebuconazole @ 1 ml/l.

VEGETABLES: 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.
- **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.
- Incidence of thrips may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- To control fruit and shoot borer in okra, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-206
Date- 29/06/2021

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 12mm and district received average 14mm 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 84-83%.

Forecasted period: Today(8.30IST) to 04th July (8.30IST)2021

Weather advisory: *Moderate rainfall/thundershower is forecasted for Thursday and very light rainfall is forecasted for other 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 33-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-78% and 39-47% 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	30/06/2021	01/07/2021	02/07/2021	03/07/2021	04/07/2021
Rainfall(mm)	3	3	20	4	2
T-Max(°C)	33	35	33	34	33
T-Min(°C)	27	27	26	27	27
Cloud Cover(octal)	8	8	8	8	8
RH Max (%)	78	76	72	66	71
RH Min (%)	47	40	39	41	42
Wind Speed (Kmph)	22	25	19	16	13
Wind Direction (deg)	207	212	238	225	248

Agromet Advisory

General advisory: *In view of CRIS seasonal rainfall departure map Cuttack received 27% more (Excess) rainfall than normal in between 1st June to 28th June and also as per SPI there was mildly wet condition in last 4 weeks(27 May to 23 June, 2021), So*

- *Drain out excess water from the nursery during day time.*
- *Make drainage channels in medium and low land crop field.*

Kharifrice: DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl @ 20g a.i. ha⁻¹ in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium @ 80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE: In assured irrigated areas select the land for wet bed nursery close to source of irrigation water with good drainage facilities. It is advisable to follow community nursery approach at village level. To transplant one-acre area about 320 m² area nursery beds are required. Prepare wet nursery raised beds of 10cm high, 1.2-1.5 m wide and of convenient length. Well defined irrigation/drainage channel of 30-45 cm width must be kept in between two beds. Seed requirement for 1 acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds.

➤ *Prevailing temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC @ 2ml/l of water or Thiomethoxam @ 0.4g/ litre of water. Due to past rain if infestation of seedling blight is noticed, apply Propiconazole @ 1 ml / 1litre of water. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.*

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 and top borer infestation in sugarcane spray Profenofos 400ml per acre @ 2ml/lit of water. Due to warm and humid condition there may be chance of smut disease, to control Spray propiconazole @ 1 ml/l or tebuconazole @ 1 ml/l.

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: 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 Metalyxl + Mancozeb/Carboxin + Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- **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.
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- To control **fruit and shoot borer** in okra, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water.

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

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Bulletin No.-206
Date- 29/06/2021

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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 33°C and 25°C, respectively. Mean relative humidity of the district was around 84-83%.

Forecasted period: Today(8.30IST) to 04th July (8.30IST)2021

Weather advisory: Moderate rainfall/thundershower is forecasted for Thursday and light to very light rainfall is forecasted for other 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 32-35°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-79% and 32-44% 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	30/06/2021	01/07/2021	02/07/2021	03/07/2021	04/07/2021
Rainfall(mm)	3	7	22	4	3
T-Max(°C)	33	35	33	33	32
T-Min(°C)	25	26	24	25	25
Cloud Cover(/octa)	8	8	8	8	8
RH Max (%)	74	69	79	68	71
RH Min (%)	41	32	40	43	44
Wind Speed (Kmph)	12	12	8	9	9
Wind Direction (deg)	206	245	252	246	283

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 27% more (Excess) rainfall than normal in between 1st June to 28th June and also as per SPI there was mildly wet condition in last 4 weeks (27 May to 23 June, 2021), So

- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.

Kharifrice: DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl @ 20g a.i. ha⁻¹ in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium @ 80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE: In assured irrigated areas select the land for wet bed nursery close to source of irrigation water with good drainage facilities. It is advisable to follow community nursery approach at village level. To transplant one-acre area about 320 m² area nursery beds are required. Prepare wet nursery raised beds of 10cm high, 1.2-1.5 m wide and of convenient length. Well defined irrigation/drainage channel of 30-45 cm width must be kept in between two beds. Seed requirement for 1 acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds.

➤ Prevailing temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC @ 2ml/l of water or Thiomethoxam @ 0.4g/ litre of water. Due to past rain if infestation of seedling blight is noticed, apply Propiconazole @ 1 ml / 1litre of water. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.

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: 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.
- 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.
- Incidence of thrips may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- To control fruit and shoot borer in okra, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-206
Date- 29/06/2021

AGROMET ADVISORY BULLETIN FOR NIALI

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 33°C and 25°C, respectively. Mean relative humidity of the district was around 84-83%.

Forecasted period: Today(8.30IST) to 04th July (8.30IST)2021

Weather advisory: Moderate rainfall/thundershower is forecasted for Thursday and very light rainfall is forecasted for other 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 32-34°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-79% and 40-52% 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	30/06/2021	01/07/2021	02/07/2021	03/07/2021	04/07/2021
Rainfall(mm)	3	1	24	2	1
T-Max(°C)	32	33	33	34	33
T-Min(°C)	27	27	26	27	27
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	79	78	72	66	73
RH Min (%)	52	48	47	40	42
Wind Speed(Kmph)	27	28	20	19	17
Wind Direction(deg)	204	212	208	225	225

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 27% more (Excess) rainfall than normal in between 1st June to 28th June and also as per SPI there was mildly wet condition in last 4 weeks (27 May to 23 June, 2021), So

- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.

Kharifrice: DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl @ 20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium @ 80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE: In assured irrigated areas select the land for wet bed nursery close to source of irrigation water with good drainage facilities. It is advisable to follow community nursery approach at village level. To transplant one-acre area about 320 m² area nursery beds are required. Prepare wet nursery raised beds of 10cm high, 1.2-1.5 m wide and of convenient length. Well defined irrigation/drainage channel of 30-45 cm width must be kept in between two beds. Seed requirement for 1 acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds.

Prevailing temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC @ 2ml/l of water or Thiomethoxam @ 0.4g/ litre of water. Due to past rain if infestation of seedling blight is noticed, apply Propiconazole @ 1 ml / 1litre of water. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.

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 and top borer infestation in sugarcane spray Profenofos 400ml per acre @ 2ml/lit of water. Due to warm and humid condition there may be chance of smut disease, to control Spray propiconazole @ 1 ml/l or tebuconazole @ 1 ml/l.

VEGETABLES: 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.
- **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.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- To control **fruit and shoot borer** in **okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-206
Date- 29/06/2021

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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 33°C and 25°C, respectively. Mean relative humidity of the district was around 84-83%.

Forecasted period: Today(8.30IST) to 04th July (8.30IST)2021

Weather advisory: Moderate rainfall/thundershowers is forecasted for Thursday and very light rainfall is forecasted for other 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 33-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-78% and 40-48% 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	30/06/2021	01/07/2021	02/07/2021	03/07/2021	04/07/2021
Rainfall(mm)	2	3	21	3	2
T-Max(°C)	33	35	33	34	33
T-Min(°C)	27	27	26	27	27
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	78	77	72	66	72
RH Min (%)	48	42	40	40	43
Wind Speed (Kmph)	23	25	18	16	13
Wind Direction (deg)	207	212	238	225	236

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 27% more (Excess) rainfall than normal in between 1st June to 28th June and also as per SPI there was mildly wet condition in last 4 weeks (27 May to 23 June, 2021), So

- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.

Kharifrice: DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl @ 20g a.i. ha⁻¹ in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium @ 80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE: In assured irrigated areas select the land for wet bed nursery close to source of irrigation water with good drainage facilities. It is advisable to follow community nursery approach at village level. To transplant one-acre area about 320 m² area nursery beds are required. Prepare wet nursery raised beds of 10cm high, 1.2-1.5 m wide and of convenient length. Well defined irrigation/drainage channel of 30-45 cm width must be kept in between two beds. Seed requirement for 1 acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds.

Prevailing

temperatures condition may lead to infestation of rice **thrips** in rice nursery. Apply Fipronil 5SC @ 2ml/l of water or Thiomethoxam @ 0.4g/litre of water. Due to past rain if infestation of **seedling blight** is noticed, apply Propiconazole @ 1 ml / 1litre of water. If **leaf blast** is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of **BLB** in early sown nursery the seedlings. Go for foliar spray of Hexaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.

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 and top borer infestation** in sugarcane spray Profenofos 400ml per acre @ 2ml/litre of water. Due to warm and humid condition there may be chance of **smut disease**, to control spray propiconazole @ 1 ml/l or tebuconazole @ 1 ml/l.

VEGETABLES: 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.
- **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.
- Incidence of **thrips** may observe in **chilli**, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- To control **fruit and shoot borer** in **okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-206
Date- 29/06/2021

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 33°C and 25°C, respectively. Mean relative humidity of the district was around 84-83%.

Forecasted period: Today(8.30IST) to 04th July (8.30IST)2021

Weatheradvisory: Moderate rainfall/thundershower is forecasted for Thursday and very light rainfall is forecasted for other 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 33-35°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-78% and 39-47% 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	30/06/2021	01/07/2021	02/07/2021	03/07/2021	04/07/2021
Rainfall(mm)	3	6	21	2	1
T-Max(°C)	33	35	33	34	33
T-Min(°C)	27	28	26	27	27
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	78	77	72	66	71
RH Min (%)	47	41	39	41	42
Wind Speed (Kmph)	23	25	18	15	13
Wind Direction (deg)	207	212	238	225	225

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 27% more (Excess) rainfall than normal in between 1st June to 28th June and also as per SPI there was mildly wet condition in last 4 weeks(27 May to 23 June, 2021), So

- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.

Kharifrice:DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl@20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium@80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE: In assured irrigated areas select the land for wet bed nursery close to source of irrigation water with good drainage facilities. It is advisable to follow community nursery approach at village level. To transplant one-acre area about 320 m² area nursery beds are required. Prepare wet nursery raised beds of 10cm high, 1.2-1.5 m wide and of convenient length. Well defined irrigation/drainage channel of 30-45 cm width must be kept in between two beds. Seed requirement for 1 acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds.

➤ Prevailing temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water. Due to past rain if infestation of seedling blight is noticed, apply Propiconazole @ 1 ml / 1litre of water. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG@ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole@1.5ml/l along with Plantomycin@1.0 g/l to prevent the spread of the disease.

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: 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.
- **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.
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- To control **fruit and shoot borer** in okra, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-206
Date- 29/06/2021

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 15mm and district received average 14mm 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 84-83%.

Forecasted period: Today(8.30IST) to 04th July (8.30IST)2021

Weather advisory: Moderate rainfall/thundershower is forecasted for Thursday and very light rainfall is forecasted for other 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 34-37°C and night temperature will be 29-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-82% and 47-61% 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	30/06/2021	01/07/2021	02/07/2021	03/07/2021	04/07/2021
Rainfall(mm)	3	2	23	1	2
T-Max(°C)	34	36	35	37	36
T-Min(°C)	30	30	29	30	30
Cloud Cover(octa)	8	8	8	8	7
RH Max (%)	82	80	75	70	74
RH Min (%)	61	54	56	47	47
Wind Speed (Kmph)	29	32	24	23	22
Wind Direction (deg)	207	212	205	207	207

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 27% more (Excess) rainfall than normal in between 1st June to 28th June and also as per SPI there was mildly wet condition in last 4 weeks (27 May to 23 June, 2021), So

- Drain out excess water from the nursery during day time.
- Make drainage channels in medium and low land crop field.

Kharifrice: DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl @ 20g a.i. ha-1 in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium @ 80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE: In assured irrigated areas select the land for wet bed nursery close to source of irrigation water with good drainage facilities. It is advisable to follow community nursery approach at village level. To transplant one-acre area about 320 m² area nursery beds are required. Prepare wet nursery raised beds of 10cm high, 1.2-1.5 m wide and of convenient length. Well defined irrigation/drainage channel of 30-45 cm width must be kept in between two beds. Seed requirement for 1 acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds.

➤ Prevailing temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC @ 2ml/l of water or Thiomethoxam @ 0.4g/ litre of water. Due to past rain if infestation of seedling blight is noticed, apply Propiconazole @ 1 ml / litre of water. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.

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: 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.
- **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.
- Incidence of thrips may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather.
- To control fruit and shoot borer in okra, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-206
Date- 29/06/2021

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 6mm and district received average 14mm 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 84-83%.

Forecasted period: Today(8.30IST) to 04th July (8.30IST)2021

Weather advisory: *Moderate rainfall/thundershower is forecasted for Thursday and light to very light rainfall is forecasted for other 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.* The day temperature will be 33-35°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-75% and 35-44% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	30/06/2021	01/07/2021	02/07/2021	03/07/2021	04/07/2021
Rainfall(mm)	3	8	21	3	2
T-Max(°C)	33	35	33	33	33
T-Min(°C)	27	28	26	26	27
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	74	69	75	68	69
RH Min (%)	44	35	39	41	43
Wind Speed (Kmph)	17	17	13	11	9
Wind Direction (deg)	207	225	270	238	285

Agromet Advisory

General advisory: *In view of CRIS seasonal rainfall departure map Cuttack received 27% more (Excess) rainfall than normal in between 1st June to 28th June and also as per SPI there was mildly wet condition in last 4 weeks (27 May to 23 June, 2021), So*

- *Drain out excess water from the nursery during day time.*
- *Make drainage channels in medium and low land crop field.*

Kharifrice: DIRECT SEEDED RICE: After recent rain, farmers those who have grown direct seeded paddy, spray Pyrazosulfuron ethyl @ 20g a.i. ha⁻¹ in 750 litres after 7 days of germination of paddy. At latter stages, apply Bispyribac sodium @ 80ml/acre at 2 to 3 leaf stages of the weeds.

TRANSPLANTED RICE: In assured irrigated areas select the land for wet bed nursery close to source of irrigation water with good drainage facilities. It is advisable to follow community nursery approach at village level. To transplant one-acre area about 320 m² area nursery beds are required. Prepare wet nursery raised beds of 10cm high, 1.2-1.5 m wide and of convenient length. Well defined irrigation/drainage channel of 30-45 cm width must be kept in between two beds. Seed requirement for 1 acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds.

➤ *Prevailing temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC @ 2ml/l of water or Thiomethoxam @ 0.4g/ litre of water. Due to past rain if infestation of seedling blight is noticed, apply Propiconazole @ 1 ml / 1litre of water. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.*

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.

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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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