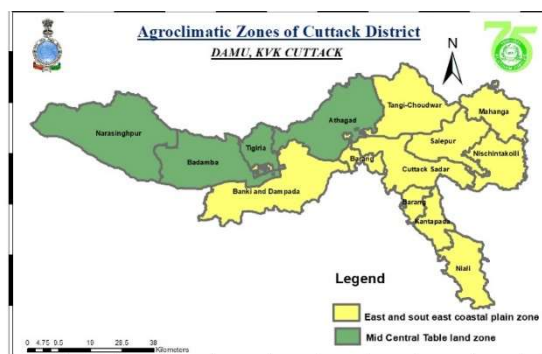
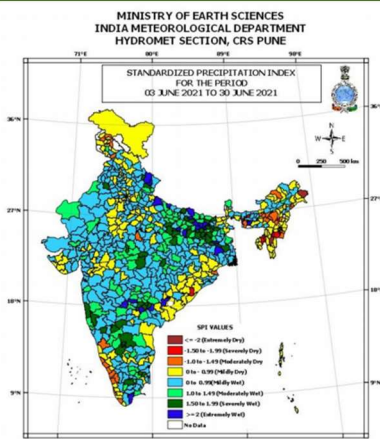


AGROCLIMATIC ZONES OF CUTTACK DISTRICT:

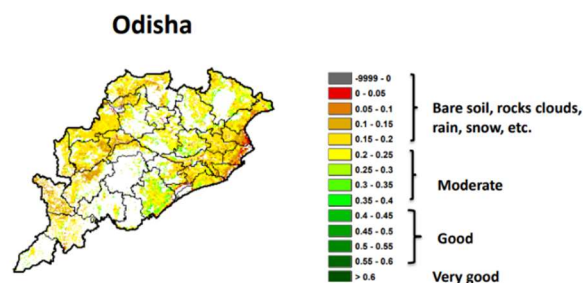


STANDARD PRECIPITATION INDEX AND NDVI MAP

Standardised Precipitation Index
 for the period 03rd June 2021 to 30th June 2021



NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 26
 (25.06.2021 to 01.07.2021) over Agricultural region



Agriculture vigour is moderate over few places of the state.

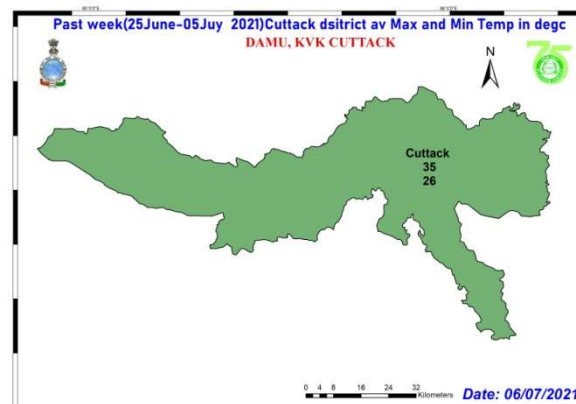
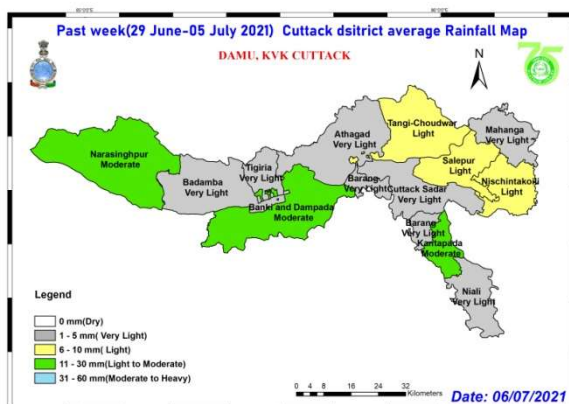
As per SPI value (cumulative 4weeks -03 June 2021 to 30 June 2021), Mildly Wet condition was there in Cuttack district.

According to NDVI map (25.06.2021 to 01.07.2021) the agriculture vigor was **Very light to light over most of the blocks and light to moderate over some part of Badamba, Dampada blocks of Cuttack district.**

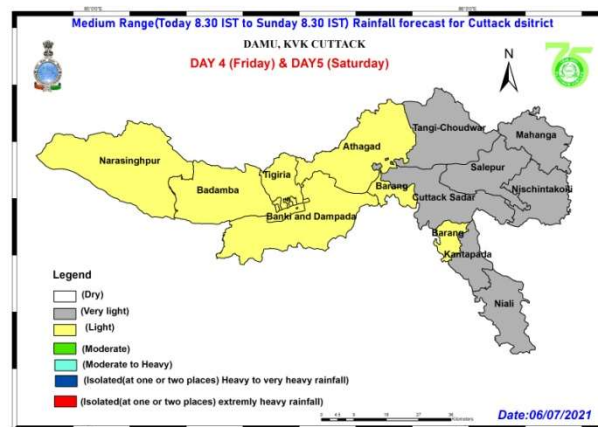
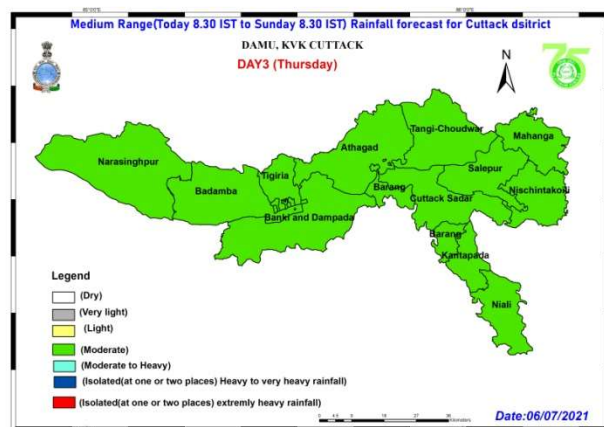
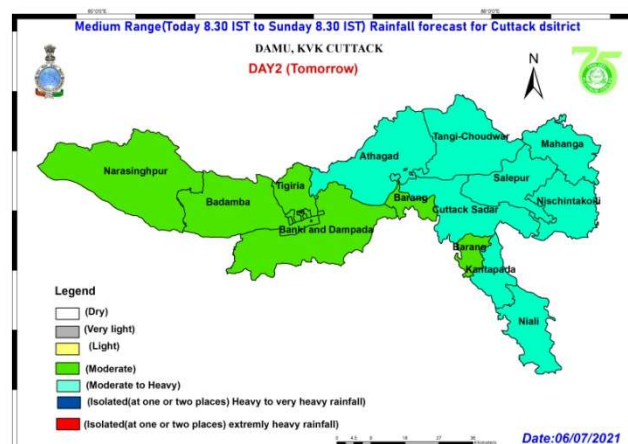
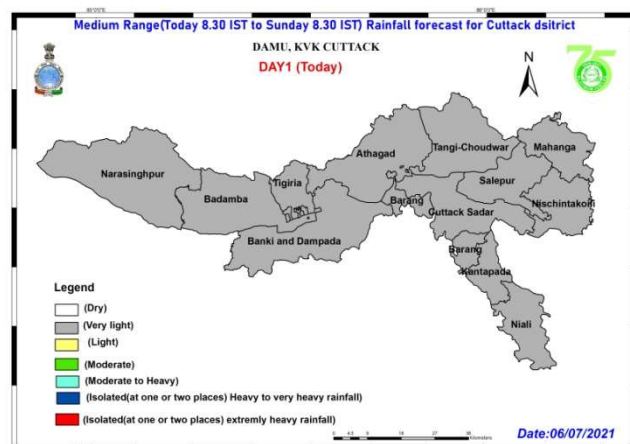
LEGEND (Medium range block level rainfall forecast)

	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 (29 June-05 July 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.-208
Date- 06/07/2021

5	Tomato and brinjal	Fruting		Bacterial wilt
6	chilli	fruting		thrips
7	okra	Fruting		Fruit and shoot borer
8	Banana			Sigatoka
9	Papaya			Yellow mosaic virus

Dr Sujata Sethy
(Nodal officer)



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Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (11 th July to 17 th July 2021)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	-7.85	Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	1.94	Above Normal
	Minimum temperature	0.46	Normal

General Agromet Advisory:- There will be normal rainfall in subsequent week after 5 days (11 July-17 July 2021) in Odisha condition, and also there was normal rainfall in Cuttack district in between 01st June to 05th July, 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)**.
- **Monthly rainfall for the July 2021 over the country as a whole is most likely to be normal (94 to 106 % of Long Period Average (LPA)). (Fig.2.)**
- *Hence Farmers should prepare the crop plan depending upon the land type, irrigation facility for transplanting of kharif rice.*

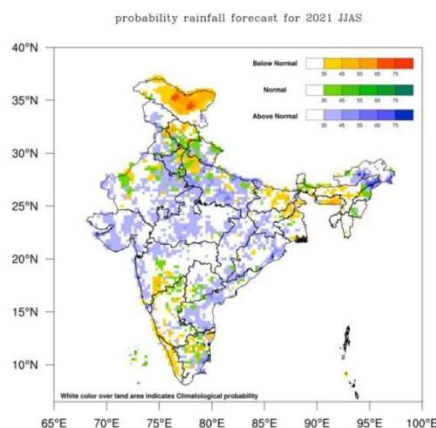


Fig.1. Updated Probability forecast of tercile categories* (below normal, normal and above normal) for the seasonal rainfall over India during the 2021 southwest monsoon season (June - September). The figure illustrates the most likely categories as well as their probabilities. The white shaded areas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

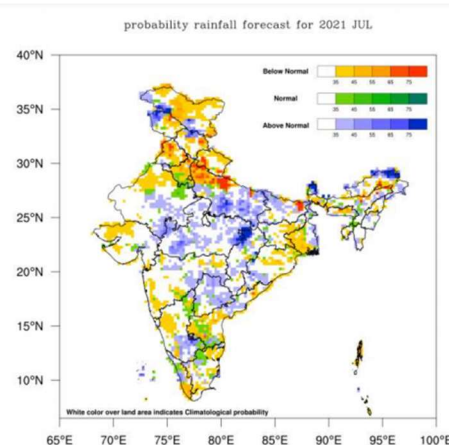


Fig.1. Probability forecast of tercile categories* (below normal, normal and above normal) for the rainfall over India during July 2021. The figure illustrates the most likely categories as well as their probabilities. The white shaded areas within the land area represent climatological probabilities. 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.-208
Date- 06/07/2021

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 2mm and district received average 6mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 26°C, respectively. Mean relative humidity of the district was around 83-77%.

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

Weather advisory: Isolated heavy to moderate rainfall/thundershower is forecasted for tomorrow and Thursday and light to very light rainfall/thundershower 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 29-36°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-87% and 39-57% 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	07/07/2021	08/07/2021	09/07/2021	10/07/2021	11/07/2021
Rainfall (mm)	3	31	20	6	6
T-Max (°C)	33	36	29	31	33
T-Min (°C)	27	25	26	26	27
Cloud Cover (octa)	8	8	7	6	7
RH Max (%)	77	83	82	83	87
RH Min (%)	42	39	57	49	48
Wind Speed (kmph)	12	15	9	10	11
Wind Direction (deg)	207	242	207	158	101

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 9% more (Normal) rainfall than normal in between 1st June to 05th July and also as per SPI there was mildly wet condition in last 4 weeks (03 June to 30 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: Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

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: Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up.

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.

ARHAR: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre. Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15-20 cm plant to plant distance.

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

- Due to 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.

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

Animal Husbandry: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-208
Date- 06/07/2021

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 2mm and district received average 6mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 26°C, respectively. Mean relative humidity of the district was around 83-77%.

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

Weather advisory: Moderate rainfall/thundershower is forecasted for tomorrow and Thursday and light to very light rainfall/thundershower 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 29-36°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-87% and 34-61% 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	07/07/2021	08/07/2021	09/07/2021	10/07/2021	11/07/2021
Rainfall(mm)	2	25	14	9	7
T-Max(°C)	34	36	29	32	33
T-Min(°C)	26	23	24	26	25
Cloud Cover(octa)	8	8	7	6	7
RH Max (%)	75	86	82	80	87
RH Min (%)	40	34	61	48	52
Wind Speed (Kmph)	10	14	7	8	9
Wind Direction (deg)	212	242	225	160	81

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 9% more (Normal) rainfall than normal in between 1st June to 05th July and also as per SPI there was mildly wet condition in last 4 weeks (03 June to 30 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: Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

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: Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up.

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.

ARHAR: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre. Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15-20 cm plant to plant distance.

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

- Due to 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.

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

Animal Husbandry: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-208
Date- 06/07/2021

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 6mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 26°C, respectively. Mean relative humidity of the district was around 83-77%.

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

Weather advisory: *Moderate rainfall/thundershower is forecasted for tomorrow and Thursday and light to very light rainfall/thundershower 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 29-36°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-86% and 38-57% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	07/07/2021	08/07/2021	09/07/2021	10/07/2021	11/07/2021
Rainfall(mm)	4	18	12	6	6
T-Max(°C)	33	36	29	32	33
T-Min(°C)	27	24	25	26	26
Cloud Cover(octa)	8	8	8	6	7
RH Max (%)	76	82	81	79	86
RH Min (%)	41	38	57	46	48
Wind Speed (Kmph)	12	16	9	10	10
Wind Direction (deg)	207	234	212	162	81

Agromet Advisory

General advisory: *In view of CRIS seasonal rainfall departure map Cuttack received 9% more (Normal) rainfall than normal in between 1st June to 05th July and also as per SPI there was mildly wet condition in last 4 weeks (03 June to 30 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: Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

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: Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up.

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.

ARHAR: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre. Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 –20 cm plant to plant distance.

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

- Due to 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.

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

Animal Husbandry: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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Bulletin No.-208
Date- 06/07/2021

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

District Past week average weather condition

The district received average 6mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 26°C, respectively. Mean relative humidity of the district was around 83-77%.

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

Weather Advisory: *Moderate rainfall/thundershower is forecasted for tomorrow and Thursday and light to very light rainfall/thundershower 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 29-36°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-86% and 39-57% 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	07/07/2021	08/07/2021	09/07/2021	10/07/2021	11/07/2021
Rainfall(mm)	3	19	12	6	6
T-Max(°C)	33	36	29	32	33
T-Min(°C)	27	24	25	26	26
Cloud Cover(octa)	8	8	8	6	7
RH Max (%)	76	81	81	80	86
RH Min (%)	42	39	57	47	48
Wind Speed (Kmph)	12	15	9	10	10
Wind Direction (deg)	207	234	207	162	81

Agromet Advisory

General advisory: *In view of CRIS seasonal rainfall departure map Cuttack received 9% more (Normal) rainfall than normal in between 1st June to 05th July and also as per SPI there was mildly wet condition in last 4 weeks (03 June to 30 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: Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

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: Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up.

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.

ARHAR: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre. Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 –20 cm plant to plant distance.

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

- Due to 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.

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

Animal Husbandry: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

Dr Sujata Sethy
(Nodal officer)



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Debasish Jena

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Bulletin No.-208
Date- 06/07/2021

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 6mm and district received average 6mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 26°C, respectively. Mean relative humidity of the district was around 83-77%.

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

Weather advisory: *Moderate rainfall/thundershower is forecasted for tomorrow and Thursday and light to very light rainfall/thundershower 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 29-35°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-86% and 42-57% 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	07/07/2021	08/07/2021	09/07/2021	10/07/2021	11/07/2021
Rainfall(mm)	2	27	11	6	6
T-Max(°C)	33	35	29	32	34
T-Min(°C)	27	25	25	26	27
Cloud Cover	8	8	8	5	6
RH Max (%)	77	84	82	85	86
RH Min (%)	47	42	57	48	47
Wind Speed (Kmph)	17	18	11	12	12
Wind Direction (deg)	204	234	207	161	113

Agromet Advisory

General advisory: *In view of CRIS seasonal rainfall departure map Cuttack received 9% more (Normal) rainfall than normal in between 1st June to 05th July and also as per SPI there was mildly wet condition in last 4 weeks (03 June to 30 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: Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

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: Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up.

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.

ARHAR: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre. Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 – 20 cm plant to plant distance.

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

- Due to 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.

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

Animal Husbandry: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-208
Date- 06/07/2021

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 2mm and district received average 6mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 26°C, respectively. Mean relative humidity of the district was around 83-77%.

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

Weather advisory: Isolated heavy to moderate rainfall/thundershower is forecasted for tomorrow and Thursday and very light rainfall/thundershower 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 29-36°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-87% and 40-56% 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	07/07/2021	08/07/2021	09/07/2021	10/07/2021	11/07/2021
Rainfall(mm)	2	31	12	5	4
T-Max(°C)	33	36	29	31	34
T-Min(°C)	27	25	26	26	27
Cloud Cover(octa)	8	8	7	6	7
RH Max (%)	77	84	81	85	87
RH Min (%)	45	40	56	50	48
Wind Speed (Kmph)	15	18	11	12	12
Wind Direction (deg)	204	240	207	169	109

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 9% more (Normal) rainfall than normal in between 1st June to 05th July and also as per SPI there was mildly wet condition in last 4 weeks (03 June to 30 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: Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

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 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.

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.

ARHAR: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre. Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 – 20 cm plant to plant distance.

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

- Due to 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.

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

Animal Husbandry: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-208
Date- 06/07/2021

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 19mm and district received average 6mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 26°C, respectively. Mean relative humidity of the district was around 83-77%.

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

Weather advisory: Isolated heavy to moderate rainfall/thundershower is forecasted for tomorrow and Thursday and very light rainfall/thundershower 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 29-35°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-86% and 46-58% 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	07/07/2021	08/07/2021	09/07/2021	10/07/2021	11/07/2021
Rainfall(mm)	4	39	12	4	2
T-Max(°C)	33	35	29	32	33
T-Min(°C)	27	25	25	26	27
Cloud Cover(octa)	8	8	7	5	5
RH Max (%)	77	85	83	86	85
RH Min (%)	48	46	58	47	49
Wind Speed (Kmph)	19	19	12	14	11
Wind Direction (deg)	204	214	207	189	113

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 9% more (Normal) rainfall than normal in between 1st June to 05th July and also as per SPI there was mildly wet condition in last 4 weeks (03 June to 30 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: Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

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.

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 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.

ARHAR: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre. Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15-20 cm plant to plant distance.

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

- Due to 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.

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

Animal Husbandry: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-208
Date- 06/07/2021

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 4mm and district received average 6mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 26°C, respectively. Mean relative humidity of the district was around 83-77%.

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

Weather advisory: Isolated heavy to moderate rainfall/thundershower is forecasted for tomorrow and Thursday and very light rainfall/thundershower 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 30-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-86% and 48-55% 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	07/07/2021	08/07/2021	09/07/2021	10/07/2021	11/07/2021
Rainfall(mm)	3	31	11	5	2
T-Max(°C)	33	34	30	32	33
T-Min(°C)	27	25	25	26	27
Cloud Cover(octal)	8	8	7	5	7
RH Max (%)	77	83	81	86	86
RH Min (%)	48	48	55	50	52
Wind Speed (Kmph)	17	22	14	13	12
Wind Direction (deg)	204	214	207	180	113

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 9% more (Normal) rainfall than normal in between 1st June to 05th July and also as per SPI there was mildly wet condition in last 4 weeks (03 June to 30 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: Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

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.

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 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.

ARHAR: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre. Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15-20 cm plant to plant distance.

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

- Due to 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.

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

Animal Husbandry: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-208
Date- 06/07/2021

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 14mm and district received average 6mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 26°C, respectively. Mean relative humidity of the district was around 83-77%.

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

Weather advisory: Moderate rainfall/thundershower is forecasted for tomorrow and Thursday and light to very light rainfall/thundershower 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 27-35°C and night temperature will be 22-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-93% and 33-67% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	07/07/2021	08/07/2021	09/07/2021	10/07/2021	11/07/2021
Rainfall(mm)	2	23	18	8	9
T-Max(°C)	33	35	27	31	31
T-Min(°C)	26	22	23	25	24
Cloud Cover(/octa)	8	8	7	6	6
RH Max (%)	75	93	86	82	89
RH Min (%)	40	33	67	53	61
Wind Speed (Kmph)	7	10	5	5	5
Wind Direction (deg)	203	203	212	195	75

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 9% more (Normal) rainfall than normal in between 1st June to 05th July and also as per SPI there was mildly wet condition in last 4 weeks (03 June to 30 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: Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

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: Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up.

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.

ARHAR: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre. Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15 – 20 cm plant to plant distance.

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

- Due to 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 Metalyxyl + 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.

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

Animal Husbandry: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-208
Date- 06/07/2021

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 2mm and district received average 6mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 26°C, respectively. Mean relative humidity of the district was around 83-77%.

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

Weather advisory: Isolated heavy to moderate rainfall/thundershower is forecasted for tomorrow and Thursday and very light rainfall/thundershower 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 29-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-86% and 48-59% 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	07/07/2021	08/07/2021	09/07/2021	10/07/2021	11/07/2021
Rainfall(mm)	5	35	11	5	2
T-Max(°C)	33	34	29	32	33
T-Min(°C)	27	25	25	26	27
Cloud Cover(octa)	8	8	7	5	5
RH Max (%)	78	85	83	86	84
RH Min (%)	49	50	59	48	51
Wind Speed(Kmph)	20	20	14	15	11
Wind Direction(deg)	203	212	204	193	116

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 9% more (Normal) rainfall than normal in between 1st June to 05th July and also as per SPI there was mildly wet condition in last 4 weeks (03 June to 30 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: Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

Prevailing temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil SSC @ 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.

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.

ARHAR: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre. Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15-20 cm plant to plant distance.

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

- Due to 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.

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

Animal Husbandry: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-208
Date- 06/07/2021

freed from bushes, grasses and water stagnation.

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 7mm and district received average 6mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 26°C, respectively. Mean relative humidity of the district was around 83-77%.

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

Weather advisory: Isolated heavy to moderate rainfall/thundershower is forecasted for tomorrow and Thursday and very light rainfall/thundershower 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 30-33°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-86% and 48-56% 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	07/07/2021	08/07/2021	09/07/2021	10/07/2021	11/07/2021
Rainfall(mm)	3	31	13	5	3
T-Max(°C)	33	33	30	32	33
T-Min(°C)	27	25	25	26	27
Cloud Cover(octa)	8	8	7	5	6
RH Max (%)	78	85	82	86	86
RH Min (%)	48	49	56	49	51
Wind Speed (Kmph)	18	22	14	13	12
Wind Direction (deg)	204	234	207	167	113

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 9% more (Normal) rainfall than normal in between 1st June to 05th July and also as per SPI there was mildly wet condition in last 4 weeks (03 June to 30 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: Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

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.

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.

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ARHAR: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre. Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15-20 cm plant to plant distance.

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

- Due to 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.

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

Animal Husbandry: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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(Nodal officer)



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Bulletin No.-208
Date- 06/07/2021

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 10mm and district received average 6mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 26°C, respectively. Mean relative humidity of the district was around 83-77%.

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

Weatheradvisory: Isolated heavy to moderate rainfall/thundershower is forecasted for tomorrow and Thursday and very light rainfall/thundershower 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 30-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-86% and 47-56% 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	07/07/2021	08/07/2021	09/07/2021	10/07/2021	11/07/2021
Rainfall(mm)	2	32	13	5	2
T-Max(°C)	33	34	30	32	33
T-Min(°C)	27	25	25	26	27
Cloud Cover(octa)	8	8	7	5	6
RH Max (%)	77	85	82	86	86
RH Min (%)	48	47	56	49	50
Wind Speed (Kmph)	17	22	13	13	12
Wind Direction (deg)	204	214	207	167	113

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 9% more (Normal) rainfall than normal in between 1st June to 05th July and also as per SPI there was mildly wet condition in last 4 weeks (03 June to 30 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: Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

Prevailing temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil SSC @ 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: Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up.

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.

ARHAR : Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre. Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15-20 cm plant to plant distance.

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

- Due to 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.

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

Animal Husbandry: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-208
Date- 06/07/2021

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 9mm and district received average 6mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 26°C, respectively. Mean relative humidity of the district was around 83-77%.

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

Weather advisory: Isolated heavy to moderate rainfall/thundershower is forecasted for tomorrow and Thursday and very light rainfall/thundershower 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 28-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-86% and 53-61% 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	07/07/2021	08/07/2021	09/07/2021	10/07/2021	11/07/2021
Rainfall(mm)	2	32	15	4	2
T-Max(°C)	35	34	33	35	34
T-Min(°C)	30	28	29	29	29
Cloud Cover(octa)	8	8	7	4	6
RH Max (%)	80	84	82	86	84
RH Min (%)	56	61	60	53	61
Wind Speed (Kmph)	23	27	18	17	13
Wind Direction (deg)	203	225	204	193	153

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 9% more (Normal) rainfall than normal in between 1st June to 05th July and also as per SPI there was mildly wet condition in last 4 weeks (03 June to 30 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: Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

Prevailing temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil SSC @ 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 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: Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up.

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.

ARHAR: Now the weather is optimum for sowing of arhar. Grow High Yielding varieties suitable for Orissa climate such as Early-duration Prabhat, Upas-120, ICPL-86012, Medium duration- Asha, Visakha, Use 8-10 kg/acre Before sowing seeds are to be treated with 2 g Bavistin/kg seeds. Treat the seeds with the Rhizobium culture @ 200 g culture/8-10 kg. Apply 8:16 kg NP/acre during final land preparation under rainfed condition and apply 50% more to irrigated crop. Sow the seeds in line 45-60 cm apart depending upon the duration with 15-20 cm plant to plant distance.

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

- Due to 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.

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

Animal Husbandry: Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

Dr Sujata Sethy
(Nodal officer)



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Email: kvkcuttack@gmail.com



Bulletin No.-208
Date- 06/07/2021

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 2mm and district received average 6mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C and 26°C, respectively. Mean relative humidity of the district was around 83-77%.

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

Weather advisory: Moderate rainfall/thundershower is forecasted for tomorrow and Thursday and light to very light rainfall/thundershower 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 29-36°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-87% and 37-59% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	07/07/2021	08/07/2021	09/07/2021	10/07/2021	11/07/2021
Rainfall(mm)	2	24	12	9	6
T-Max(°C)	34	36	29	32	33
T-Min(°C)	27	24	25	26	26
Cloud Cover(octa)	8	8	7	6	7
RH Max (%)	77	85	82	82	87
RH Min (%)	41	37	59	49	50
Wind Speed (Kmph)	10	15	8	9	10
Wind Direction (deg)	207	242	207	158	81

Agromet Advisory

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

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Bulletin No.-208
Date- 06/07/2021

			
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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