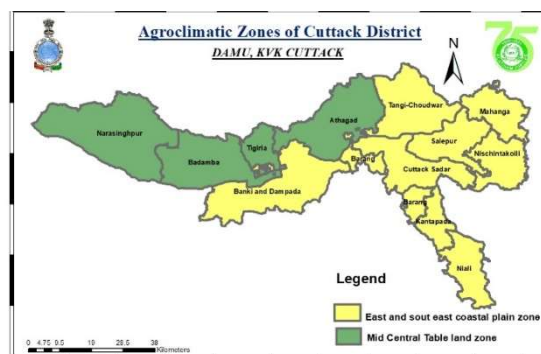
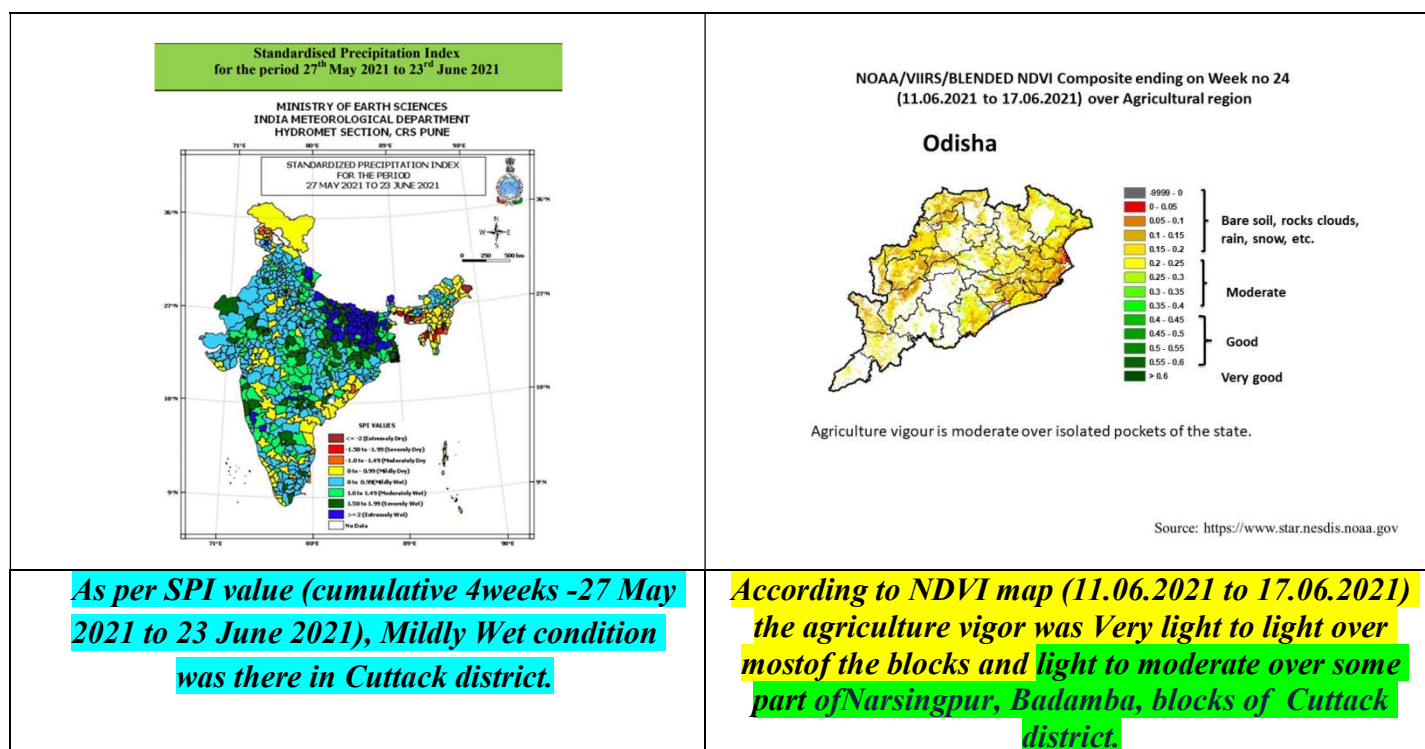


AGROCLIMATIC ZONES OF CUTTACK DISTRICT:

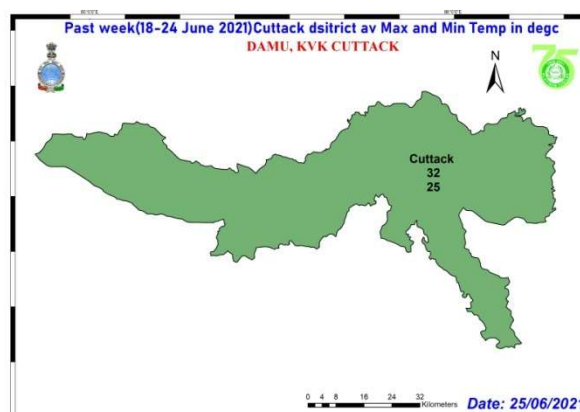
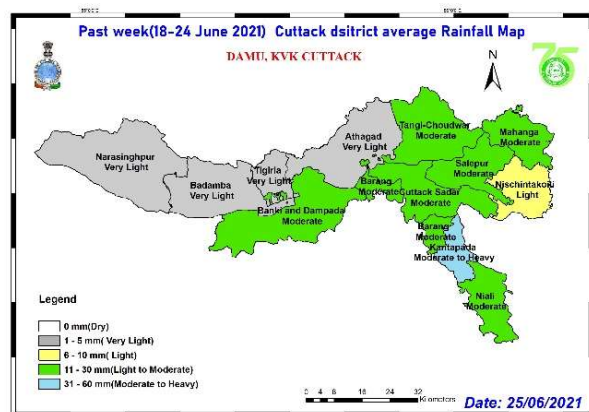


STANDARD PRECIPITATION INDEX AND NDVI MAP

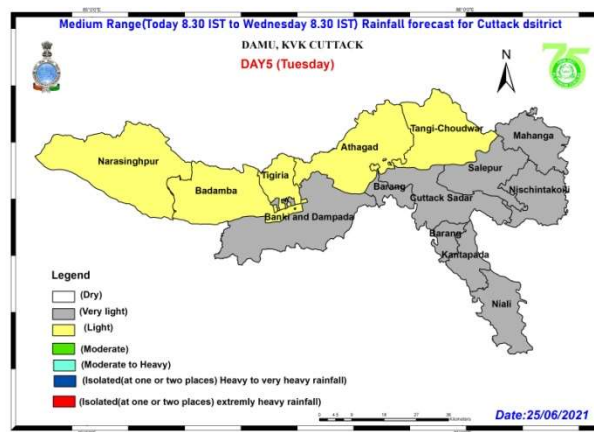
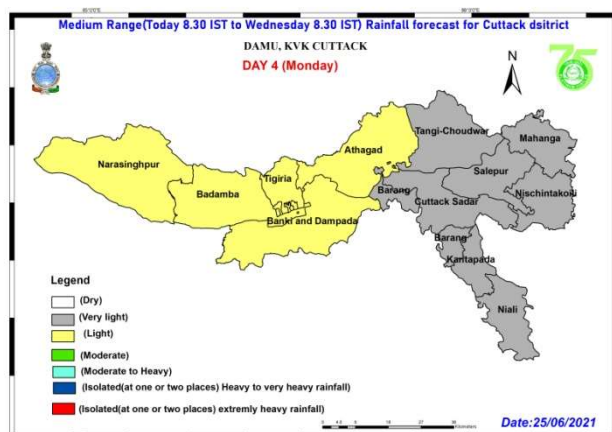
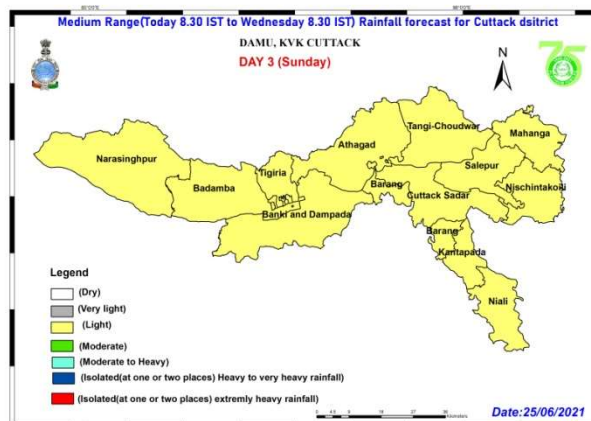
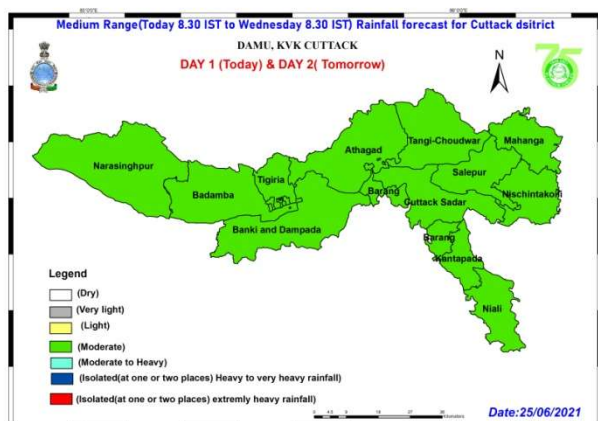


LEGEND (Medium range block level rainfall forecast)		
	No Rainfall	00 mm
	Very light rainfall	01-05 mm
	Light rainfall	06-10 mm
	Light to moderate rainfall	11-30 mm
	Moderate to heavy rainfall	31-65 mm
	Heavy rainfall	66-115 mm
	Very heavy rainfall	116-205 mm
	Extremely heavy rainfall	>206 mm












Past week (18-24 June 2021) Cuttack district Rainfall and Temperature map



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



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

Sl No	Crop	Stage and condition of the crop	Anticipated Disease and pest	
1	Rice	Nursery stage		Thrips
				Seedling blight
				Blast
2	Sugarcane	Tillering		Early shot borer
3	Jute	30-50days		Stem rot
				Jute Hairy caterpillar
				Grey weevil
				Yellow Mite
4	Brinjal	Fruiting		Phomopsis Blight
5	Tomato and brinjal	Fruting		Bacterial wilt
6	Cucurbits And pointed gourd	Flowering to Fruiting stage		Leaf blight



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Bulletin No.-205
Date- 25/06/2021

				Leaf spot
				Downy Mildew
6	chilli	fruting		thrips

Dr Sujata Sethy
(Nodal officer)



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APP for Lightening alert in your area**



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

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (30 th June to 06 th July 2021)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	25.46	Above Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	-0.21	Normal
	Minimum temperature	-0.13	Normal

General Agromet Advisory:- There will be **above normal rainfall in subsequent week after 5 days (30 Jun-06 July 2021) in Odisha condition**, and also there was excess rainfall in Cuttack district then normal in between 1st June to 24th 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.*

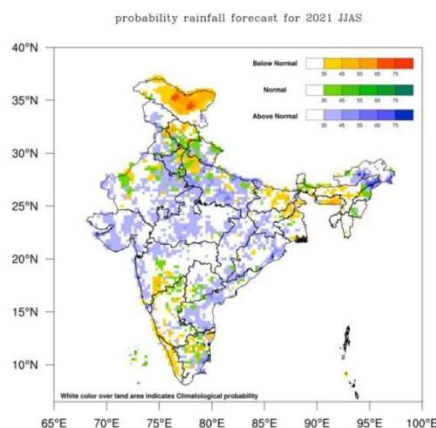


Fig.1. Updated Probability forecast of tercile categories* (below normal, normal and above normal) for the seasonal rainfall over India during the 2021 southwest monsoon season (June - September). The figure illustrates the most likely categories as well as their probabilities. The white shaded areas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

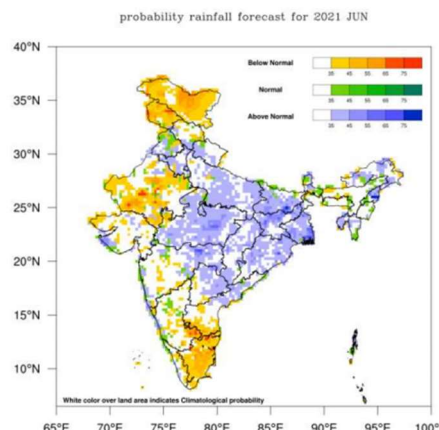


Fig.2. Probability forecast of tercile categories* (below normal, normal and above normal) for the 2021 June rainfall over India. The figure illustrates the most likely categories as well as their probabilities. The white shaded areas within the land area represent climatological probabilities. The probabilities 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.-205
Date- 25/06/2021

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 5mm and district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 85-73%.

Forecasted period: Today(8.30IST) to 30th June (8.30IST)2021

Weather advisory: Moderate rainfall/thundershower is forecasted for today and tomorrow and light rainfall is forecasted for next 3 days in the block. 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 72-83% and 38-46% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	26/06/2021	27/06/2021	28/06/2021	29/06/2021	30/06/2021
Rainfall (mm)	24	25	9	8	6
T-Max (°C)	31	30	31	32	34
T-Min (°C)	26	25	26	27	27
Cloud Cover (octa)	3	6	6	6	8
RH Max (%)	74	82	83	79	72
RH Min (%)	38	46	44	44	43
Wind Speed (kmph)	10	11	15	18	13
Wind Direction (deg)	199	156	161	203	212

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 45% more (Excess) rainfall than normal in between 1st June to 24th 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 lightning is forecasted for isolated places of Cuttack district in upcoming 3 days, so provide mechanical support to banana, young fruit plants, vegetables and propping up in sugarcane to prevent the crops from lodging due to strong winds. Keep the harvested produce at safer places. Keep farm animals indoor during thunderstorm period.

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.

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

- Due to Past rain, Chances of fruit rot infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Seedling rot is likely to appear in vegetable nursery after rain. Spray Metalaxyl + Mancozeb/Carboxin + Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, downy mildew disease will appear in cucurbits. To control it, go for alternate spray of Metalaxyl + Mancozeb @ 2g/litre and Azoxystrobin + Tebuconazole @ 0.6g/litre of water at 10 days interval.
- Wilting may observe in tomato and brinjal field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- 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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-205
Date- 25/06/2021

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 4mm and district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 85-73%.

Forecasted period: Today(8.30IST) to 30th June (8.30IST)2021

Weather advisory: Moderate rainfall/thundershower is forecasted for today and tomorrow and light rainfall is forecasted for next 3 days in the block. The day temperature will be 30-34°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-82% and 39-44% 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	26/06/2021	27/06/2021	28/06/2021	29/06/2021	30/06/2021
Rainfall(mm)	22	23	10	7	6
T-Max(°C)	31	30	32	32	34
T-Min(°C)	25	24	25	26	26
Cloud Cover(octa)	3	6	6	7	8
RH Max (%)	72	81	82	78	71
RH Min (%)	39	44	43	44	43
Wind Speed (Kmph)	9	10	12	15	11
Wind Direction (deg)	203	156	159	163	214

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 45% more (Excess) rainfall than normal in between 1st June to 24th 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 lightning is forecasted for isolated places of Cuttack district in upcoming 3 days, so provide mechanical support to banana, young fruit plants, vegetables and propping up in sugarcane to prevent the crops from lodging due to strong winds. Keep the harvested produce at safer places. Keep farm animals indoor during thunderstorm period.

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.

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

- Due to Past rain, Chances of fruit rot infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Seedling rot is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- After cessation of rain, downy mildew disease will appear in cucurbits. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- Wilting may observe in tomato and brinjal field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- 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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-205
Date- 25/06/2021

AGROMET ADVISORY BULLETIN FORBANKI

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

The block received average 17mm and district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 85-73%.

Forecasted period: Today(8.30IST) to 30th June (8.30IST)2021

Weatheradvisory: *Moderate rainfall/thundershower is forecasted for today and tomorrow and light to very light rainfall is forecasted for next 3 days in the block.* 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 71-81% and 38-44% 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	26/06/2021	27/06/2021	28/06/2021	29/06/2021	30/06/2021
Rainfall(mm)	16	14	7	6	3
T-Max(°C)	31	30	32	32	34
T-Min(°C)	26	25	25	26	27
Cloud Cover(octa)	3	6	6	7	8
RH Max (%)	72	81	81	77	71
RH Min (%)	38	44	43	44	43
Wind Speed (Kmph)	11	11	15	18	13
Wind Direction (deg)	207	156	167	203	207

Agromet Advisory

General advisory: *In view of CRIS seasonal rainfall departure map Cuttack received 45% more (Excess) rainfall than normal in between 1st June to 24th 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 lightning is forecasted for isolated places of Cuttack district in upcoming 3 days, so provide mechanical support to banana, young fruit plants, vegetables and propping up in sugarcane to prevent the crops from lodging due to strong winds. Keep the harvested produce at safer places. Keep farm animals indoor during thunderstorm period.

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 temperaure condition may led 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.**

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

- Due to Past rain, Chances of fruit rot infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Seedling rot is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- After cessation of rain, downy mildew disease will appear in cucurbits. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Aoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- Wilting may observe in tomato and brinjal field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- 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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-205
Date- 25/06/2021

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

District Past week average weather condition

The district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 85-73%.

Forecasted period: Today(8.30IST) to 30th June (8.30IST)2021

Weather Advisory: *Moderate rainfall/thundershower is forecasted for today and tomorrow and light to very light rainfall is forecasted for next 3 days in the block.* 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 71-82% and 37-44% 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	26/06/2021	27/06/2021	28/06/2021	29/06/2021	30/06/2021
Rainfall(mm)	13	15	8	6	2
T-Max(°C)	31	30	32	32	34
T-Min(°C)	26	25	25	26	27
Cloud Cover(octa)	3	6	6	7	8
RH Max (%)	73	82	82	78	71
RH Min (%)	37	44	43	44	43
Wind Speed (Kmph)	11	11	15	18	14
Wind Direction (deg)	207	156	167	203	207

Agromet Advisory

General advisory: *In view of CRIS seasonal rainfall departure map Cuttack received 45% more (Excess) rainfall than normal in between 1st June to 24th 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 lightning is forecasted for isolated places of Cuttack district in upcoming 3 days, so provide mechanical support to banana, young fruit plants, vegetables and propping up in sugarcane to prevent the crops from lodging due to strong winds. Keep the harvested produce at safer places. Keep farm animals indoor during thunderstorm period.

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.

TRANSPANTED 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 temperaure condition may led 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.**

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

- Due to Past rain, Chances of fruit rot infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl + Mancozeb/Carboxin + Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, downy mildew disease will appear in cucurbits. To control it, go for alternate spray of Metalaxyl + Mancozeb @ 2g/litre and Azoxystrobin + Tebuconazole @ 0.6g/litre of water at 10 days interval.
- **Wilting** may observe in tomato and brinjal field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- 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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-205
Date- 25/06/2021

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 16mm and district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 85-73%.

Forecasted period: Today(8.30IST) to 30th June (8.30IST)2021

Weather advisory: *Moderate rainfall/thundershower is forecasted for today and tomorrow and light to very light rainfall is forecasted for next 3 days in the block.* 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 71-82% and 37-44% 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	26/06/2021	27/06/2021	28/06/2021	29/06/2021	30/06/2021
Rainfall(mm)	17	18	9	5	3
T-Max(°C)	31	30	32	32	34
T-Min(°C)	26	25	25	26	27
Cloud Cover	3	6	6	7	8
RH Max (%)	73	82	82	78	71
RH Min (%)	37	44	43	44	43
Wind Speed (Kmph)	11	11	15	18	14
Wind Direction (deg)	207	156	167	203	207

Agromet Advisory

General advisory: *In view of CRIS seasonal rainfall departure map Cuttack received 45% more (Excess) rainfall than normal in between 1st June to 24th 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 lightning is forecasted for isolated places of Cuttack district in upcoming 3 days, so provide mechanical support to banana, young fruit plants, vegetables and propping up in sugarcane to prevent the crops from lodging due to strong winds. Keep the harvested produce at safer places. Keep farm animals indoor during thunderstorm period.

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.

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

- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl + Mancozeb/Carboxin + Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl + Mancozeb @ 2g/litre and Azoxystrobin + Tebuconazole @ 0.6g/litre of water at 10 days interval.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- 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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-205
Date- 25/06/2021

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 13mm and district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 85-73%.

Forecasted period: Today(8.30IST) to 30th June (8.30IST)2021

Weather advisory: *Moderate rainfall/thundershower is forecasted for today and tomorrow and light to very light rainfall is forecasted for next 3 days in the block.* The day temperature will be 30-35°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-83% 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	26/06/2021	27/06/2021	28/06/2021	29/06/2021	30/06/2021
Rainfall(mm)	18	16	8	5	5
T-Max(°C)	32	30	31	32	35
T-Min(°C)	26	25	26	27	27
Cloud Cover(octa)	2	5	5	6	8
RH Max (%)	74	83	83	79	74
RH Min (%)	37	44	44	46	43
Wind Speed (Kmph)	12	13	18	20	16
Wind Direction (deg)	199	156	193	203	204

Agromet Advisory

General advisory: *In view of CRIS seasonal rainfall departure map Cuttack received 45% more (Excess) rainfall than normal in between 1st June to 24th 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 lightning is forecasted for isolated places of Cuttack district in upcoming 3 days, so provide mechanical support to banana, young fruit plants, vegetables and propping up in sugarcane to prevent the crops from lodging due to strong winds. Keep the harvested produce at safer places. Keep farm animals indoor during thunderstorm period.

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 temperaure condition may led 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.**

Sugarcane: The crop is at tillering (15-16 week) stage. Early shoot borer may attack the young tillers of sugarcane. To control the early shoot borer infestation in sugarcane spray Profenofos 400ml per acre @ 2ml/lit of water. Complete hoeing and weeding and apply 100kg urea with 35kg MOP for one acre crop followed by earthing up and irrigation. Plan for irrigation at 10 days interval between 5-14 week stage of crop observing the soil moisture and forecasted rain. **JUTE:** Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control stem rot of jute, spray copper oxychloride @ 3-4 gram/litre of water. Farmers should be alert about the initial infestation of hairy caterpillar, grey weevils and yellow mites after rain when the temperature raises with high humidity. Control: (i) Spray Lambda Cyhalothrin 5EC @ 1ml/lit or Indoxacarb 14.5 SC @ 1.0 ml/litre in extreme cases of hairy caterpillar. Spray combination of (Chlorpyrifos 50 EC + Cypermethrin 5 EC) @ 1-1.5 ml/l or Chlorpyrifos 20 EC @ 2ml/litre or Quinalphos 25 EC @ 1.25 ml/litre to control grey weevils. To control yellow mite spray Fenpyroximate @ 25ml/15lit water with sticker and repeat the same in consequent next 14 days.

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

- Due to Past rain, Chances of fruit rot infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl + Mancozeb / Carboxin + Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, downy mildew disease will appear in cucurbits. To control it, go for alternate spray of Metalaxyl + Mancozeb @ 2g/litre and Azoxystrobin + Tebuconazole @ 0.6g/litre of water at 10 days interval.
- **Wilting** may observe in tomato and brinjal field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- 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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-205
Date- 25/06/2021

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 32mm and district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 85-73%.

Forecasted period: Today(8.30IST) to 30th June (8.30IST)2021

Weather advisory: Moderate rainfall/thundershower is forecasted for today and tomorrow and light to very light rainfall is forecasted for next 3 days in the block. 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 72-83% and 38-49% 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	26/06/2021	27/06/2021	28/06/2021	29/06/2021	30/06/2021
Rainfall(mm)	18	17	6	3	2
T-Max(°C)	32	32	31	30	34
T-Min(°C)	26	25	26	27	27
Cloud Cover(octa)	2	7	7	7	7
RH Max (%)	72	83	82	78	75
RH Min (%)	38	41	46	49	45
Wind Speed (Kmph)	14	15	20	24	22
Wind Direction (deg)	203	158	193	203	204

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 45% more (Excess) rainfall than normal in between 1st June to 24th 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 as heavy rainfall was realized in last week.

➤ Make drainage channels in medium and low land crop field.

As thunderstorm with lightning is forecasted for isolated places of Cuttack district in upcoming 3 days, so provide mechanical support to banana, young fruit plants, vegetables and propping up in sugarcane to prevent the crops from lodging due to strong winds. Keep the harvested produce at safer places. Keep farm animals indoor during thunderstorm period.

Kharrifrice: 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 Bispribac 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.

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

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

- Due to Past rain, Chances of fruit rot infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Seedling rot is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, downy mildew disease will appear in cucurbits. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.
- Wilting may observe in tomato and brinjal field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- 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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-205
Date- 25/06/2021

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 11mm and district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 85-73%.

Forecasted period: Today(8.30IST) to 30th June (8.30IST)2021

Weather advisory: *Moderate rainfall/thundershower is forecasted for today and tomorrow and light to very light rainfall is forecasted for next 3 days in the block.* The day temperature will be and it will be 31-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-84% and 38-48% 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	26/06/2021	27/06/2021	28/06/2021	29/06/2021	30/06/2021
Rainfall(mm)	15	20	9	5	2
T-Max(°C)	32	31	31	31	34
T-Min(°C)	25	25	26	27	27
Cloud Cover(octal)	2	5	5	6	7
RH Max (%)	75	84	83	80	76
RH Min (%)	38	44	47	48	46
Wind Speed (Kmph)	14	15	20	22	20
Wind Direction (deg)	203	158	193	203	204

Agromet Advisory

General advisory: *In view of CRIS seasonal rainfall departure map Cuttack received 45% more (Excess) rainfall than normal in between 1st June to 24th 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 lightning is forecasted for isolated places of Cuttack district in upcoming 3 days, so provide mechanical support to banana, young fruit plants, vegetables and propping up in sugarcane to prevent the crops from lodging due to strong winds. Keep the harvested produce at safer places. Keep farm animals indoor during thunderstorm period.

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 temperaure condition may led 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.**

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

JUTE:Recent rain has aggravated **weed problem** in early sown crop. To control grass weeds, apply Quizalofop-pethyl@2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control **stem rot of jute**, spray copper oxychloride @ 3-4 gram/litre of water. Farmers should be alert about the initial infestation of **hairy caterpillar, grey weevils and yellow mites** after rain when the temperature rises with high humidity. Control: i) Spray Lambda Cyhalothrin 5EC @ 1ml/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:**Fruit and vine rot, leaf blight** of pointed gourd may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day

- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- 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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-205
Date- 25/06/2021

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 4mm and district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 85-73%.

Forecasted period: Today(8.30IST) to 30th June (8.30IST)2021

Weather advisory: Moderate rainfall/thundershower is forecasted for today and tomorrow and light rainfall is forecasted for next 3 days in the block. The day temperature will be 31-35°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-85% and 40-43% 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	26/06/2021	27/06/2021	28/06/2021	29/06/2021	30/06/2021
Rainfall(mm)	23	25	8	8	6
T-Max(°C)	31	32	32	32	35
T-Min(°C)	24	23	24	25	25
Cloud Cover(/octa)	4	6	5	7	8
RH Max (%)	73	82	85	80	74
RH Min (%)	40	40	42	43	43
Wind Speed (Kmph)	7	7	8	10	7
Wind Direction (deg)	203	146	154	163	245

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 45% more (Excess) rainfall than normal in between 1st June to 24th 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 lightning is forecasted for isolated places of Cuttack district in upcoming 3 days, so provide mechanical support to banana, young fruit plants, vegetables and propping up in sugarcane to prevent the crops from lodging due to strong winds. Keep the harvested produce at safer places. Keep farm animals indoor during thunderstorm period.

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.

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

- Due to Past rain, Chances of fruit rot infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Seedling rot is likely to appear in vegetable nursery after rain. Spray Metalaxyl + Mancozeb / Carboxin + Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, downy mildew disease will appear in cucurbits. To control it, go for alternate spray of Metalaxyl + Mancozeb @ 2g/litre and Aoxystrobin + Tebuconazole @ 0.6g/litre of water at 10 days interval.
- Wilting may observe in tomato and brinjal field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- 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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-205
Date- 25/06/2021

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 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 85-73%.

Forecasted period: Today(8.30IST) to 30th June (8.30IST)2021

Weatheradvisory: *Moderate rainfall/thundershower is forecasted for today and tomorrow and light to very light rainfall is forecasted for next 3 days in the block.* The day temperature will be 29-32°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-83% and 39-54% 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	26/06/2021	27/06/2021	28/06/2021	29/06/2021	30/06/2021
Rainfall(mm)	17	18	6	3	2
T-Max(°C)	32	32	31	29	32
T-Min(°C)	26	25	26	27	26
Cloud Cover(octa)	2	7	7	7	7
RH Max (%)	73	83	82	79	77
RH Min (%)	39	42	50	54	49
Wind Speed(Kmph)	16	16	21	25	24
Wind Direction(deg)	203	159	193	203	204

Agromet Advisory

General advisory: *In view of CRIS seasonal rainfall departure map Cuttack received 45% more (Excess) rainfall then normal in between 1st June to 24th June and also as per SPI there was mildly wet condition in last 4 weeks(27May 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 lightning is forecasted for isolated places of Cuttack district in upcoming 3 days, so provide mechanical support to banana, young fruit plants, vegetables and propping up in sugarcane to prevent the crops from lodging due to strong winds. Keep the harvested produce at safer places. Keep farm animals indoor during thunderstorm period.

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 temperaure condition may led 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.**

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

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

- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- 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.

Dr Sujata Sathy
(Nodal officer)



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Bulletin No.-205
Date- 25/06/2021

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 10mm and district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 85-73%.

Forecasted period: Today(8.30IST) to 30th June (8.30IST)2021

Weatheradvisory: Moderate rainfall/thundershower is forecasted for today and tomorrow and light to very light rainfall is forecasted for next 3 days in the block. The day temperature will be 31-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-84% and 38-48% 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	26/06/2021	27/06/2021	28/06/2021	29/06/2021	30/06/2021
Rainfall(mm)	18	20	7	4	3
T-Max(°C)	32	31	31	31	34
T-Min(°C)	25	25	26	27	27
Cloud Cover(octa)	2	5	6	6	7
RH Max (%)	74	84	83	79	76
RH Min (%)	38	43	47	48	46
Wind Speed (Kmph)	14	16	20	23	21
Wind Direction (deg)	203	158	193	203	204

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 45% more (Excess) rainfall than normal in between 1st June to 24th 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 lightning is forecasted for isolated places of Cuttack district in upcoming 3 days, so provide mechanical support to banana, young fruit plants, vegetables and propping up in sugarcane to prevent the crops from lodging due to strong winds. Keep the harvested produce at safer places. Keep farm animals indoor during thunderstorm period.

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.

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

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

- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl + Mancozeb / Carboxin + Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl + Mancozeb @ 2g/litre and Azoxystrobin + Tebuconazole @ 0.6g/litre of water at 10 days interval.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- 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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-205
Date- 25/06/2021

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 16mm and district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 85-73%.

Forecasted period: Today(8.30IST) to 30th June (8.30IST)2021

Weatheradvisory: *Moderate rainfall/thundershower is forecasted for today and tomorrow and light to very light rainfall is forecasted for next 3 days in the block.* The day temperature will be 31-35°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-84% and 38-48% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Salepur(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	26/06/2021	27/06/2021	28/06/2021	29/06/2021	30/06/2021
Rainfall(mm)	18	19	8	4	2
T-Max(°C)	32	31	31	31	35
T-Min(°C)	25	25	26	27	27
Cloud Cover(octa)	2	5	6	6	7
RH Max (%)	74	84	83	79	76
RH Min (%)	38	43	47	48	46
Wind Speed (Kmph)	13	15	20	22	20
Wind Direction (deg)	203	158	193	203	204

Agromet Advisory

General advisory: *In view of CRIS seasonal rainfall departure map Cuttack received 45% more (Excess) rainfall then normal in between 1st June to 24th June and also as per SPI there was mildly wet condition in last 4 weeks(27May 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 lightning is forecasted for isolated places of Cuttack district in upcoming 3 days, so provide mechanical support to banana, young fruit plants, vegetables and propping up in sugarcane to prevent the crops from lodging due to strong winds. Keep the harvested produce at safer places. Keep farm animals indoor during thunderstorm period.

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 irrigationwater with good drainage facilities. It is advisable to follow community nursery approach at village level. To transplant one-acre area about 320 m²area nursery beds are required. Prepare wetnursery raised beds of 10cm high, 1.2-1.5 m wide and of convenient length. Well definedirrigation/drainage channel of 30-45 cm width must be kept in between two beds. Seed requirement for 1acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds.

- **Prevailing temperaure condition may led 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 daysinterval.

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.Afterrain in vegetative stage to control **stem rot of jute**, spray copper oxychloride @ 3-4 gram/liter 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 (Chlorpyriphos 50 EC+Cypermethrin 5 EC) @ 1-1.5 ml/l or Chlorpyriphos 20 EC @2ml/litre or Quinalphos 25 EC@1.25 ml/litree to control grey weevils.To control yellow mite spray Fenpyroximate@25ml/15lit water with sticker and repat the same in consequent next 14 days.

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

- Due to Past rain, Chances of **fruit rot** infestation in **chilli and brinjal**, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- 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.

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Bulletin No.-205
Date- 25/06/2021

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 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 85-73%.

Forecasted period: Today(8.30IST) to 30th June (8.30IST)2021

Weatheradvisory: Moderate rainfall/thundershower is forecasted for today and tomorrow and light to very light rainfall is forecasted for next 3 days in the block. The day temperature will be 34-36°C and night temperature will be 29-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-85% and 48-63% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Tangi-Choudwar(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	26/06/2021	27/06/2021	28/06/2021	29/06/2021	30/06/2021
Rainfall(mm)	18	21	10	3	7
T-Max(°C)	36	35	34	34	35
T-Min(°C)	30	29	29	29	30
Cloud Cover(octa)	2	7	7	7	7
RH Max (%)	78	85	83	81	78
RH Min (%)	48	53	63	60	59
Wind Speed (Kmph)	19	19	23	27	28
Wind Direction (deg)	201	158	198	203	207

Agromet Advisory

General advisory: In view of CRIS seasonal rainfall departure map Cuttack received 45% more (Excess) rainfall than normal in between 1st June to 24th June and also as per SPI there was mildly wet condition in last 4 weeks(27May 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 lightning is forecasted for isolated places of Cuttack district in upcoming 3 days, so provide mechanical support to banana, young fruit plants, vegetables and propping up in sugarcane to prevent the crops from lodging due to strong winds. Keep the harvested produce at safer places. Keep farm animals indoor during thunderstorm period.

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 irrigationwater with good drainage facilities. It is advisable to follow community nursery approach at village level. To transplant one-acre area about 320 m²area nursery beds are required. Prepare wetnursery raised beds of 10cm high, 1.2-1.5 m wide and of convenient length. Well definedirrigation/drainage channel of 30-45 cm width must be kept in between two beds. Seed requirement for 1acre is 20kg seeds which should be properly treated with either 2g carbendazim or 2g thiram per kg seeds.

- Prevailing temperaure condition may led 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 daysinterval.

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.Afterrain in vegetative stage to control stem rot of jute, spray copper oxychloride @ 3-4 gram/liter 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 (Chlorpyriphos 50 EC+Cypermethrin 5 EC) @ 1-1.5 ml/l or Chlorpyriphos 20 EC @2ml/litre or Quinalphos 25 EC@1.25 ml/litree to control grey weevils.To control yellow mite spray Fenpyroximate@25ml/15lit water with sticker and repat the same in consequent next 14 days.

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

- Due to Past rain, Chances of fruit rot infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Seedling rot is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- After cessation of rain, downy mildew disease will appear in cucurbits. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- Wilting may observe in tomato and brinjal field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- 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.

Dr Sujata Sethy
(Nodal officer)



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Date- 25/06/2021

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 5mm and district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 85-73%.

Forecasted period: Today(8.30IST) to 30th June (8.30IST)2021

Weather advisory: Moderate rainfall/thundershowers are forecasted for today and tomorrow and light rainfall is forecasted for next 3 days in the block. 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 72-83% and 38-45% 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	26/06/2021	27/06/2021	28/06/2021	29/06/2021	30/06/2021
Rainfall(mm)	22	19	8	7	6
T-Max(°C)	31	30	31	32	34
T-Min(°C)	25	25	25	26	27
Cloud Cover(octa)	3	6	6	6	8
RH Max (%)	74	82	83	79	72
RH Min (%)	38	45	44	44	43
Wind Speed (Kmph)	10	10	13	16	11
Wind Direction (deg)	180	156	158	191	212

Agromet Advisory

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

As thunderstorm with lightning is forecasted for isolated places of Cuttack district in upcoming 3 days, so provide mechanical support to banana, young fruit plants, vegetables and propping up in sugarcane to prevent the crops from lodging due to strong winds. Keep the harvested produce at safer places. Keep farm animals indoor during thunderstorm period.

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.

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

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- 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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