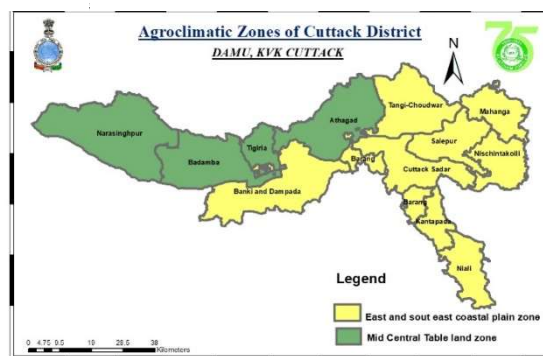
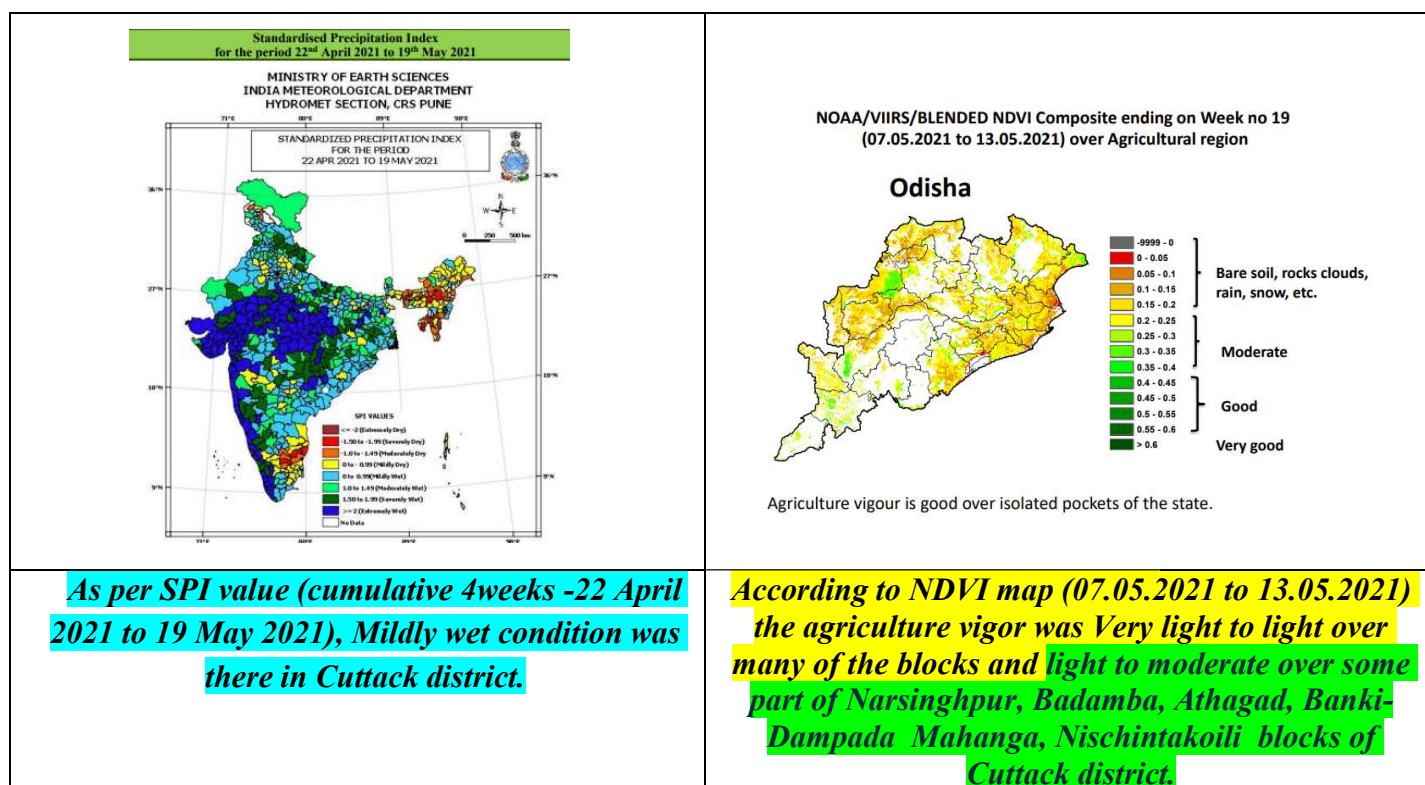


## AGROCLIMATIC ZONES OF CUTTACK DISTRICT:



## STANDARD PRECIPITATION INDEX AND NDVI MAP



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

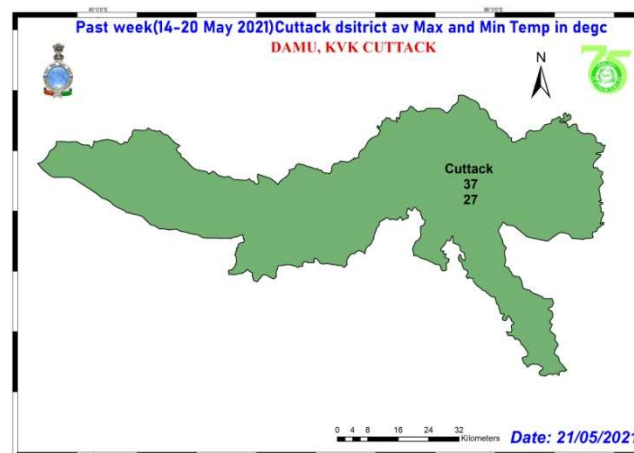
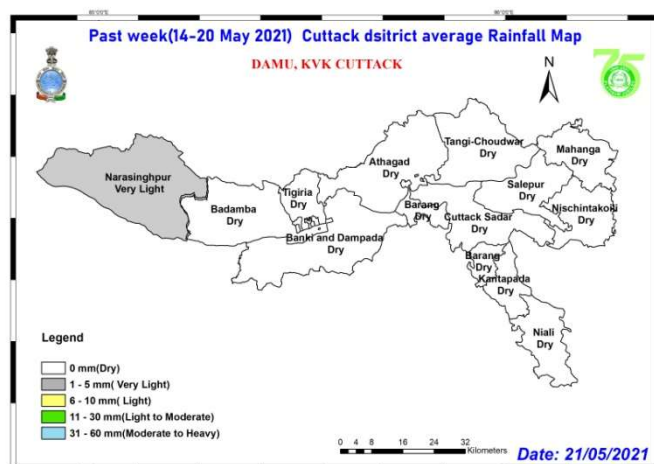


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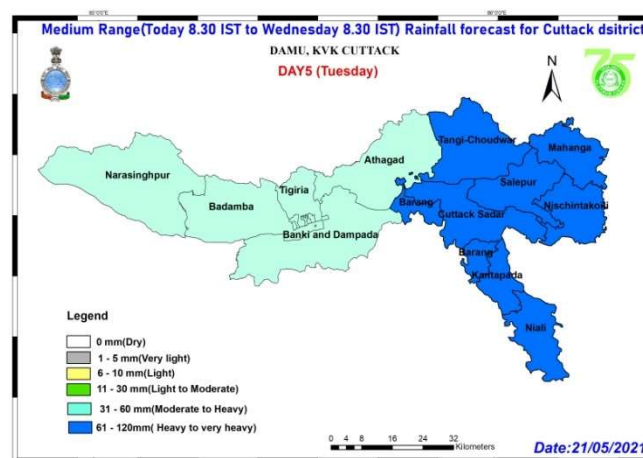
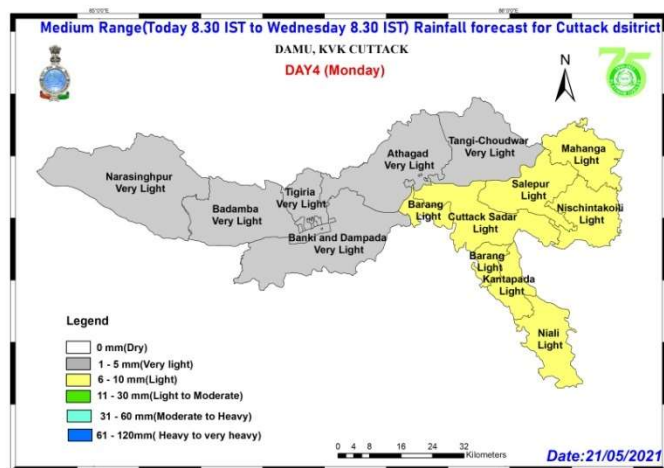
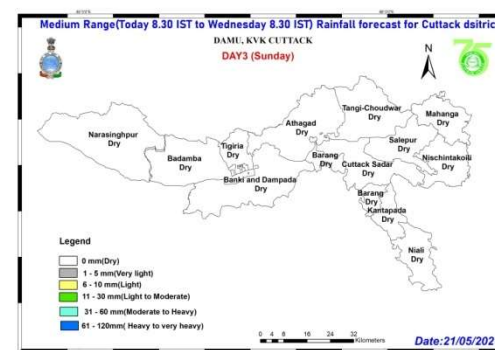
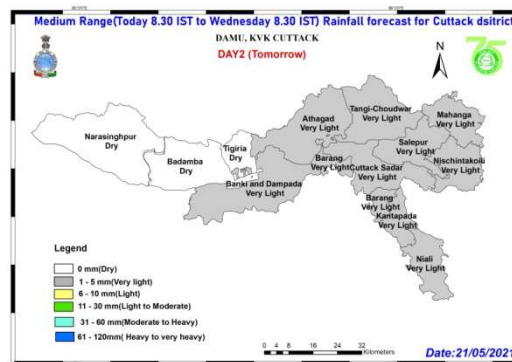
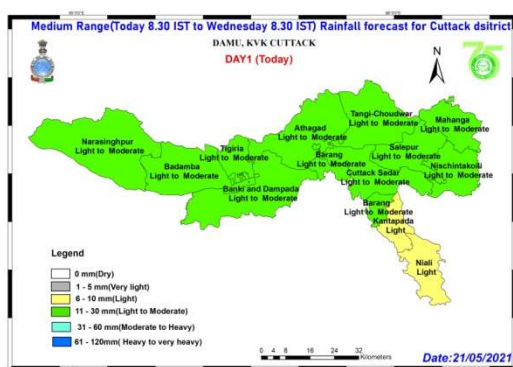


Bulletin No.-195  
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**Past week (14-20 May 2021) Cuttack district Rainfall and Temperature map**



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



Dr Sujata Sethy  
(Nodal officer)



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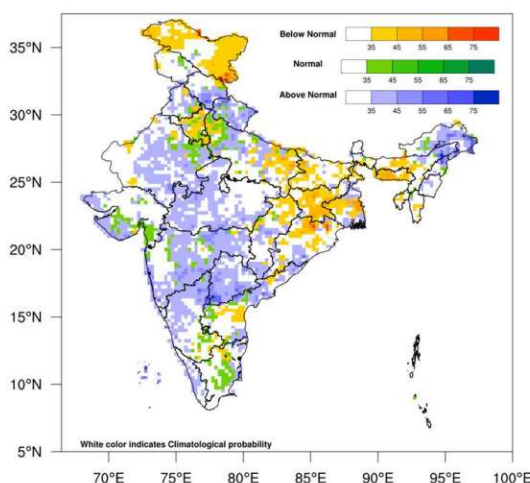
Met Sub division	Extended range outlook for subsequent 1 week (6 <sup>th</sup> to 12 <sup>th</sup> days) (26 <sup>th</sup> May to 01 <sup>st</sup> April 2021)		
<b>Odisha</b>	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	522.88	Above Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	-1.32	Normal
	Minimum temperature	-0.43	Normal

**General Agromet Advisory:-** As there was mild wet condition in last four weeks at Cuttack district and light to moderate rainfall is forecasted for day 1 to day 4 with isolated heavy to very heavy rainfall/thundershower is also forecasted for Tuesday in the district and also there will be above normal rainfall in subsequent week after 5 days (23-29 May 2021) in Odisha condition, so farmers may stop their irrigations and drain out excess water from the field.

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

- *This year, the onset of southwest monsoon over Kerala is likely to be on 31st May with a model error of  $\pm 4$  days.*
- 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)).
- Quantitatively, the monsoon seasonal (June to September) rainfall is likely to be **98% of the Long Period Average (LPA) with a model error of  $\pm 5\%$** . The LPA of the season rainfall over the country as a whole for the period 1961-2010 is 88 cm.
- *Hence Farmers should prepare the crop plan depending upon the land type, soil fertility and Variety availability, irrigation facility.*











Tercile probability rainfall forecast for 2021 southwest monsoon season



**Fig.1.** 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 represent climatological probabilities. The probabilities were derived using the MME forecast prepared from a group of best coupled climate models. (Tercile categories have equal climatological probabilities, of 33.33% each).



**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	Maize	Fruting to harvesting		Banded leaf blight
				Stalk rot
2	Jute			Stem rot
3	Brinjal	Fruting		Fruit rot
4	Tomato	Fruting		Bacterial wilt
5	vegetables	Nursery		Seedling rot
5	Cucurbits And pointed gourd	Flowering to Fruiting stage		Leaf blight
				Leaf spot
				Downy Mildew
6	Banana			Banana leaf spot/sigatoka



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				<b>Rhizome rot</b>
7	<b>Mango</b>	<b>Fruiting stage</b>		<b>Mango Anthracnose</b>
8	<b>Papaya</b>			<b>Phytophthora crown rot/foot rot</b>

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(Nodal officer)



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**Bulletin No.-195**  
**Date- 21/05/2021**

**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

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

The block received average 0 mm and district received average Trace amount mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 27°C, respectively. Mean relative humidity of the district was around 71-66%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> May (8.30IST)2021**

**Cyclone updates:** A cyclonic circulation lies over Southeast and adjoining central Bay of Bengal between 3.1 km & 5.8 km above mean sea level. Under its influence, a Low pressure area is very likely to form over east central Bay of Bengal and adjoining north Andaman Sea on 22nd May 2021. It is very likely to move northwestwards and intensify into a Cyclonic Storm by 24th May. It would continue to move northwestwards, intensify further and reach North Bay of Bengal near Odisha West Bengal coasts around 26th May morning.

**Weather advisory:** Light to moderate rainfall/thundershower is forecasted for today with Very light rain/thundershower is forecasted for tomorrow and Monday with moderate to heavy rainfall is forecasted for Tuesday and dry weather is forecasted for other 1 day in the block. The day temperature will be 35-39°C and night temperature will be 28-32°C for upcoming 5 days. Maximum and minimum relative humidity will be 47-74% and 11-32% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/05/2021	23/05/2021	24/05/2021	25/05/2021	26/05/2021
Rainfall (mm)	11	2	0	2	55
T-Max (°C)	37	35	38	39	36
T-Min (°C)	28	28	28	32	28
Cloud Cover (octa)	6	5	7	8	8
RH Max (%)	74	73	73	47	72
RH Min (%)	32	32	19	11	20
Wind Speed (kmph)	10	10	12	13	12
Wind Direction (deg)	203	162	18	23	30

**Agromet Advisory**

- As cloudy weather is forecasted with light to moderate with isolated heavy rain from Tuesday, the harvested paddy should be shifted to safer places immediately. Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization From Monday onwards.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places.
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable crops**. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water. **Seedling rot** is likely to appear in **vegetable nursery**. Spray Metalyxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- 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. For **leaf blight, leaf spot** problem in pointed gourd apply apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- In jute **drain out excess water from cultivated field**. To prevent **stem rot** farmers may spray Validamycin 3% SL 2ml/ltr or carbendazim 2gm/ltr of water.
- After rainfall, In **Maize** field for **Banded leaf blight** spray Validamycin 3% SL 2ml/ltr or Mancozeb 4g/L of water on the leaves. If there was infestation of **Stem rot** at vegetative stage as rainfall was realized in past, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.
- If **rhizome rot** is noticed in the **banana field**, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil@ 2.0 g / litre of water.
- As rainfall is forecasted, harvest the matured **mangoes** before that. Due to high humidity there may be chances of occurrence of **Anthraxnose disease** in fruiting stage. To control this apply Azoxystrobin 23.0SC 1ml/ltr of water. After rainfall if fungal infection will occur then spray carbendazim 50WP 2gram/ltr of water.
- After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot in papaya**, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.
- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. keep feed for 3-5 days, in case of any emergency.
- Repair the sheds for loose structure and rainfall.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-195**  
**Date- 21/05/2021**

**AGROMET ADVISORY BULLETIN FOR BADAMBA**

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

The block received average 0 mm and district received average Trace amount mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 27°C, respectively. Mean relative humidity of the district was around 71-66%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> May (8.30IST)2021**

**Cyclone updates:** A cyclonic circulation lies over Southeast and adjoining central Bay of Bengal between 3.1 km & 5.8 km above mean sea level. Under its influence, a Low pressure area is very likely to form over east central Bay of Bengal and adjoining north Andaman Sea on 22nd May 2021. It is very likely to move northwestwards and intensify into a Cyclonic Storm by 24th May. It would continue to move northwestwards, intensify further and reach North Bay of Bengal near Odisha West Bengal coasts around 26th May morning.

**Weatheradvisory:** Light to moderate rainfall/thundershower is forecasted for today with Very light rain/thundershower is forecasted for Monday with moderate to heavy rainfall is forecasted for Tuesday and dry weather is forecasted for other 2 days in the block. The day temperature will be 35-41°C and night temperature will be 27-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 39-74% and 11-32% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Badamba(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/05/2021	23/05/2021	24/05/2021	25/05/2021	26/05/2021
Rainfall(mm)	12	0	0	1	43
T-Max(°C)	37	35	38	41	37
T-Min(°C)	28	27	27	31	27
Cloud Cover(octa)	7	5	7	8	8
RH Max (%)	67	69	74	39	71
RH Min (%)	32	30	19	11	11
Wind Speed (Kmph)	11	10	11	14	12
Wind Direction (deg)	203	162	18	23	23

**Agromet Advisory**

- As cloudy weather is forecasted with light to moderate with isolated heavy rain from Tuesday, the harvested paddy should be shifted to safer places immediately. Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization From Monday onwards.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places.
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable crops**. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water. **Seedling rot** is likely to appear in **vegetable nursery**. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- 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. For **leaf blight**, **leaf spot** problem in pointed gourd apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- In jute **drain out excess water from cultivated field**. To prevent **stem rot** farmers may spray Validamycin 3% SL 2ml/ltr or carbendazim 2gm/ltr of water.
- After rainfall, In **Maize** field for **Banded leaf blight** spray Validamycin 3% SL 2ml/ltr or Mancozeb 4g/L of water on the leaves. If there was infestation of **Stem rot** at vegetative stage as rainfall was realized in past, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.
- If **rhizome rot** is noticed in the **banana field**, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil@ 2.0 g/ litre of water.
- As rainfall is forecasted, harvest the matured **mangoes** before that. Due to high humidity there may be chances of occurrence of **Anthraxnose disease** in fruiting stage. To control this apply Azoxystrobin 23.0SC 1ml/ltr of water. After rainfall if fungal infection will occur then spray carbendazim 50WP 2gram/ltr of water.
- After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot in papaya**, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.
- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. Keep feed for 3-5 days, in case of any emergency.
- Repair the sheds for loose structure and rainfall.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-195**  
**Date- 21/05/2021**

**AGROMET ADVISORY BULLETIN FORBANKI**

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

The block received average 0 mm and district received average Trace amount mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 27°C, respectively. Mean relative humidity of the district was around 71-66%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> May (8.30IST)2021**

**Cyclone updates:** A cyclonic circulation lies over Southeast and adjoining central Bay of Bengal between 3.1 km & 5.8 km above mean sea level. Under its influence, a Low pressure area is very likely to form over east central Bay of Bengal and adjoining north Andaman Sea on 22nd May 2021. It is very likely to move northwestwards and intensify into a Cyclonic Storm by 24th May. It would continue to move northwestwards, intensify further and reach North Bay of Bengal near Odisha West Bengal coasts around 26th May morning.

**Weather advisory:** Light to moderate rainfall/thundershower is forecasted for today with Very light rain/thundershower is forecasted for tomorrow and Monday with moderate to heavy rainfall is forecasted for Tuesday and dry weather is forecasted for other 1 day in the block. The day temperature will be 36-41°C and night temperature will be 28-32°C for upcoming 5 days. Maximum and minimum relative humidity will be 47-74% and 09-32% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/05/2021	23/05/2021	24/05/2021	25/05/2021	26/05/2021
Rainfall(mm)	11	1	0	2	52
T-Max(°C)	37	36	39	41	38
T-Min(°C)	28	28	28	32	28
Cloud Cover(octa)	6	5	7	8	8
RH Max (%)	69	70	74	47	69
RH Min (%)	32	31	19	9	17
Wind Speed (Kmph)	11	11	12	14	13
Wind Direction (deg)	207	162	18	19	68

**Agromet Advisory**

- As cloudy weather is forecasted with light to moderate with isolated heavy rain from Tuesday, the harvested paddy should be shifted to safer places immediately. Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
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- Due to rain, **wilting** of plant may appear in early planted **vegetable crops**. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water. **Seedling rot** is likely to appear in **vegetable nursery**. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
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- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval. For **leaf blight, leaf spot** problem in pointed gourd apply apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
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- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. keep feed for 3-5 days, in case of any emergency.
- Repair the sheds for loose structure and rainfall.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-195**  
**Date- 21/05/2021**

**AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA**

**District Past week average weather condition**

The district received average Trace amount mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 27°C, respectively. Mean relative humidity of the district was around 71-66%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> May (8.30IST)2021**

**Cyclone updates:** A cyclonic circulation lies over Southeast and adjoining central Bay of Bengal between 3.1 km & 5.8 km above mean sea level. Under its influence, a Low pressure area is very likely to form over east central Bay of Bengal and adjoining north Andaman Sea on 22nd May 2021. It is very likely to move northwestwards and intensify into a Cyclonic Storm by 24th May. It would continue to move northwestwards, intensify further and reach North Bay of Bengal near Odisha West Bengal coasts around 26th May morning.

**Weather Advisory:** Light to moderate rainfall/thundershower is forecasted for today with Very light rain/thundershower is forecasted for tomorrow and Monday with moderate to heavy rainfall is forecasted for Tuesday and dry weather is forecasted for other 1 day in the block. The day temperature will be 36-41°C and night temperature will be 28-32°C for upcoming 5 days. Maximum and minimum relative humidity will be 48-74% and 09-33% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/05/2021	23/05/2021	24/05/2021	25/05/2021	26/05/2021
Rainfall(mm)	11	1	0	3	57
T-Max(°C)	37	36	39	41	38
T-Min(°C)	28	28	28	32	28
Cloud Cover(octa)	6	5	7	8	8
RH Max (%)	70	71	74	48	69
RH Min (%)	33	31	19	9	18
Wind Speed (Kmph)	11	11	12	14	12
Wind Direction (deg)	203	180	18	19	68

**Agromet Advisory**

- As cloudy weather is forecasted with light to moderate with isolated heavy rain from Tuesday, the harvested paddy should be shifted to safer places immediately. Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization From Monday onwards.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places.
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable crops**. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water. **Seedling rot** is likely to appear in **vegetable nursery**. Spray Metaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval. For **leaf blight**, **leaf spot** problem in pointed gourd apply apply 400 gram (Metaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- In jute **drain out excess water from cultivated field**. To prevent **stem rot** farmers may spray Validamycin 3% SL 2ml/ltr or carbendazim 2gm/ltr of water.
- After rainfall, In **Maize** field for **Banded leaf blight** spray Validamycin 3% SL 2ml/ltr or Mancozeb 4g/L of water on the leaves. If there was infestation of **Stem rot** at vegetative stage as rainfall was realized in past, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.
- If **rhizome rot** is noticed in the **banana field**, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil@ 2.0 g / litre of water.
- As rainfall is forecasted, harvest the matured **mangoes** before that. Due to high humidity there may be chances of occurrence of **Anthrax disease** in fruiting stage. To control this apply Azoxystrobin 23.0SC 1ml/ltr of water. After rainfall if fungal infection will occur then spray carbendazim 50WP 2gram/ltr of water.
- After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot in papaya**, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.
- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. keep feed for 3-5 days, in case of any emergency.
- Repair the sheds for loose structure and rainfall.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-195**  
**Date- 21/05/2021**

**AGROMET ADVISORY BULLETIN FOR BARANGA**

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

The block received average 0 mm and district received average Trace amount mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 27°C, respectively. Mean relative humidity of the district was around 71-66%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> May (8.30IST)2021**

**Cyclone updates:** A cyclonic circulation lies over Southeast and adjoining central Bay of Bengal between 3.1 km & 5.8 km above mean sea level. Under its influence, a Low pressure area is very likely to form over east central Bay of Bengal and adjoining north Andaman Sea on 22nd May 2021. It is very likely to move northwestwards and intensify into a Cyclonic Storm by 24th May. It would continue to move northwestwards, intensify further and reach North Bay of Bengal near Odisha West Bengal coasts around 26th May morning.

**Weather advisory:** Light to moderate rainfall/thundershower is forecasted for today with Very light rain/thundershower is forecasted for tomorrow and Monday with moderate to heavy with isolated very heavy rainfall is forecasted for Tuesday and dry weather is forecasted for other 1 day in the block. The day temperature will be 35-40°C and night temperature will be 28-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 59-75% and 11-36% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/05/2021	23/05/2021	24/05/2021	25/05/2021	26/05/2021
Rainfall(mm)	11	1	0	3	61
T-Max(°C)	36	36	39	40	35
T-Min(°C)	28	28	28	31	28
Cloud Cover	6	5	7	8	8
RH Max (%)	74	74	75	59	69
RH Min (%)	36	31	20	11	28
Wind Speed (Kmph)	15	11	12	14	12
Wind Direction (deg)	203	195	191	45	113

**Agromet Advisory**

- As cloudy weather is forecasted with light to moderate with isolated heavy rain from Tuesday, the harvested paddy should be shifted to safer places immediately. Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization From Monday onwards.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places.
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable crops**. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water. **Seedling rot** is likely to appear in **vegetable nursery**. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- 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. For **leaf blight, leaf spot** problem in pointed gourd apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- In jute **drain out excess water from cultivated field**. To prevent **stem rot** farmers may spray Validamycin 3% SL 2ml/ltr or carbendazim 2gm/ltr of water.
- After rainfall, In **Maize** field for **Banded leaf blight** spray Validamycin 3% SL 2ml/ltr or Mancozeb 4g/L of water on the leaves. If there was infestation of **Stem rot** at vegetative stage as rainfall was realized in past, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.
- If **rhizome rot** is noticed in the **banana field**, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil @ 2.0 g/ litre of water.
- As rainfall is forecasted, harvest the matured **mangoes** before that. Due to high humidity there may be chances of occurrence of **Anthrax disease** in fruiting stage. To control this apply Azoxystrobin 23.0SC 1ml/ltr of water. After rainfall if fungal infection will occur then spray carbendazim 50WP 2gram/ltr of water.
- After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot in papaya**, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.
- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. Keep feed for 3-5 days, in case of any emergency.
- Repair the sheds for loose structure and rainfall.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-195**  
**Date- 21/05/2021**

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

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

The block received average 0 mm and district received average Trace amount mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 27°C, respectively. Mean relative humidity of the district was around 71-66%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> May (8.30IST)2021**

**Cyclone updates:** A cyclonic circulation lies over Southeast and adjoining central Bay of Bengal between 3.1 km & 5.8 km above mean sea level. Under its influence, a Low pressure area is very likely to form over east central Bay of Bengal and adjoining north Andaman Sea on 22nd May 2021. It is very likely to move northwestwards and intensify into a Cyclonic Storm by 24th May. It would continue to move northwestwards, intensify further and reach North Bay of Bengal near Odisha West Bengal coasts around 26th May morning.

**Weather advisory:** Light to moderate rainfall/thundershower is forecasted for today with Very light to light rain/thundershower is forecasted for tomorrow and Monday with moderate to heavy with isolated very heavy rainfall is forecasted for Tuesday and dry weather is forecasted for other 1 day in the block. The day temperature will be 35-39°C and night temperature will be 28-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 55-75% and 12-35% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/05/2021	23/05/2021	24/05/2021	25/05/2021	26/05/2021
Rainfall(mm)	12	3	0	6	62
T-Max(°C)	35	35	38	39	35
T-Min(°C)	28	28	28	31	28
Cloud Cover(octa)	6	4	6	8	8
RH Max (%)	75	75	74	55	69
RH Min (%)	35	32	18	12	27
Wind Speed (Kmph)	13	10	12	13	12
Wind Direction (deg)	201	203	191	27	113

**Agromet Advisory**

- As cloudy weather is forecasted with light to moderate with isolated heavy rain from Tuesday, the harvested paddy should be shifted to safer places immediately. Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization From Monday onwards.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places.
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable crops**. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water. **Seedling rot** is likely to appear in **vegetable nursery**. Spray Metaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval. For **leaf blight, leaf spot** problem in pointed gourd apply apply 400 gram (Metaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- In jute **drain out excess water from cultivated field**. To prevent **stem rot** farmers may spray Validamycin 3% SL 2ml/ltr or carbendazim 2gm/ltr of water.
- After rainfall, In **Maize** field for **Banded leaf blight** spray Validamycin 3% SL 2ml/ltr or Mancozeb 4g/L of water on the leaves. If there was infestation of **Stem rot** at vegetative stage as rainfall was realized in past, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.
- If **rhizome rot** is noticed in the **banana field**, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil@ 2.0 g / litre of water.
- As rainfall is forecasted, harvest the matured **mangoes** before that. Due to high humidity there may be chances of occurrence of **Anthraxnose disease** in fruiting stage. To control this apply Azoxystrobin 23.0SC 1ml/ltr of water. After rainfall if fungal infection will occur then spray carbendazim 50WP 2gram/ltr of water.
- After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot in papaya**, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.
- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. keep feed for 3-5 days, in case of any emergency.
- Repair the sheds for loose structure and rainfall.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-195**  
**Date- 21/05/2021**

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

The block received average 0 mm and district received average Trace amount mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 27°C, respectively. Mean relative humidity of the district was around 71-66%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> May (8.30IST)2021**

**Cyclone updates:** A cyclonic circulation lies over Southeast and adjoining central Bay of Bengal between 3.1 km & 5.8 km above mean sea level. Under its influence, a Low pressure area is very likely to form over east central Bay of Bengal and adjoining north Andaman Sea on 22nd May 2021. It is very likely to move northwestwards and intensify into a Cyclonic Storm by 24th May. It would continue to move northwestwards, intensify further and reach North Bay of Bengal near Odisha West Bengal coasts around 26th May morning.

**Weather advisory:** Light rainfall/thundershower is forecasted for today with Very light to light rain/thundershower is forecasted for tomorrow and Monday with moderate to heavy with isolated very heavy rainfall is forecasted for Tuesday and dry weather is forecasted for other 1 day in the block. The day temperature will be 34-41°C and night temperature will be 28-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-77% and 11-39% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/05/2021	23/05/2021	24/05/2021	25/05/2021	26/05/2021
Rainfall(mm)	6	2	0	7	65
T-Max(°C)	37	38	39	41	34
T-Min(°C)	28	28	28	30	28
Cloud Cover(octa)	6	5	7	8	8
RH Max (%)	75	75	77	62	73
RH Min (%)	39	33	23	11	38
Wind Speed (Kmph)	17	11	12	14	11
Wind Direction (deg)	203	198	203	23	113

**Agromet Advisory**

- As cloudy weather is forecasted with light to moderate with isolated heavy rain from Tuesday, the harvested paddy should be shifted to safer places immediately. Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization From Monday onwards.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places.
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable crops**. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water. **Seedling rot** is likely to appear in **vegetable nursery**. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- 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. For **leaf blight**, **leaf spot** problem in pointed gourd apply apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- In jute **drain out excess water from cultivated field**. To prevent **stem rot** farmers may spray Validamycin 3% SL 2ml/ltr or carbendazim 2gm/ltr of water.
- After rainfall, In **Maize** field for **Banded leaf blight** spray Validamycin 3% SL 2ml/ltr or Mancozeb 4g/L of water on the leaves. If there was infestation of **Stem rot** at vegetative stage as rainfall was realized in past, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.
- If **rhizome rot** is noticed in the **banana field**, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil@ 2.0 g/ litre of water.
- As rainfall is forecasted, harvest the matured **mangoes** before that. Due to high humidity there may be chances of occurrence of **Anthraxnose disease** in fruiting stage. To control this apply Azoxystrobin 23.0SC 1ml/ltr of water. After rainfall if fungal infection will occur then spray carbendazim 50WP 2gram/ltr of water.
- After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot in papaya**, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.
- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. keep feed for 3-5 days, in case of any emergency.
- Repair the sheds for loose structure and rainfall.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-195**  
**Date- 21/05/2021**

**AGROMET ADVISORY BULLETIN FOR MAHANGA**

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

The block received average 0 mm and district received average Trace amount mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 27°C, respectively. Mean relative humidity of the district was around 71-66%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> May (8.30IST)2021**

**Cyclone updates:** A cyclonic circulation lies over Southeast and adjoining central Bay of Bengal between 3.1 km & 5.8 km above mean sea level. Under its influence, a Low pressure area is very likely to form over east central Bay of Bengal and adjoining north Andaman Sea on 22nd May 2021. It is very likely to move northwestwards and intensify into a Cyclonic Storm by 24th May. It would continue to move northwestwards, intensify further and reach North Bay of Bengal near Odisha West Bengal coasts around 26th May morning.

**Weather advisory:** Light to moderate rainfall/thundershower is forecasted for today with Very light to light rain/thundershower is forecasted for tomorrow and Monday with moderate to heavy with isolated very heavy rainfall is forecasted for Tuesday and dry weather is forecasted for other 1 day in the block. The day temperature will be and it will be 32-39°C and night temperature will be 27-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 59-75% and 12-40% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/05/2021	23/05/2021	24/05/2021	25/05/2021	26/05/2021
Rainfall(mm)	13	2	0	8	66
T-Max(°C)	35	36	38	39	32
T-Min(°C)	28	27	28	30	27
Cloud Cover(octal)	6	5	6	8	8
RH Max (%)	75	75	73	59	73
RH Min (%)	38	33	20	12	40
Wind Speed (Kmph)	16	11	12	13	12
Wind Direction (deg)	203	195	203	30	68

**Agromet Advisory**

- As cloudy weather is forecasted with light to moderate with isolated heavy rain from Tuesday, the harvested paddy should be shifted to safer places immediately. Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization From Monday onwards.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places.
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable crops**. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water. **Seedling rot** is likely to appear in **vegetable nursery**. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- 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. For **leaf blight**, **leaf spot** problem in pointed gourd apply apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- In jute **drain out excess water from cultivated field**. To prevent **stem rot** farmers may spray Validamycin 3% SL 2ml/ltr or carbendazim 2gm/ltr of water.
- After rainfall, In **Maize** field for **Banded leaf blight** spray Validamycin 3% SL 2ml/ltr or Mancozeb 4g/L of water on the leaves. If there was infestation of **Stem rot** at vegetative stage as rainfall was realized in past, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.
- If **rhizome rot** is noticed in the **banana field**, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil@ 2.0 g/ litre of water.
- As rainfall is forecasted, harvest the matured **mangoes** before that. Due to high humidity there may be chances of occurrence of **Anthrax disease** in fruiting stage. To control this apply Azoxystrobin 23.0SC 1ml/ltr of water. After rainfall if fungal infection will occur then spray carbendazim 50WP 2gram/ltr of water.
- After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot in papaya**, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.
- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. Keep feed for 3-5 days, in case of any emergency.
- Repair the sheds for loose structure and rainfall.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-195**  
**Date- 21/05/2021**

**AGROMET ADVISORY BULLETIN FOR NARASINGHPUR**

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

The block received average 1mm and district received average Trace amount mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 27°C, respectively. Mean relative humidity of the district was around 71-66%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> May (8.30IST)2021**

**Cyclone updates:** A cyclonic circulation lies over Southeast and adjoining central Bay of Bengal between 3.1 km & 5.8 km above mean sea level. Under its influence, a Low pressure area is very likely to form over east central Bay of Bengal and adjoining north Andaman Sea on 22nd May 2021. It is very likely to move northwestwards and intensify into a Cyclonic Storm by 24th May. It would continue to move northwestwards, intensify further and reach North Bay of Bengal near Odisha West Bengal coasts around 26th May morning.

**Weather advisory:** Light to moderate rainfall/thundershower is forecasted for today with Very light rain/thundershower is forecasted for Monday with moderate to heavy rainfall is forecasted for Tuesday and dry weather is forecasted for other 2 days in the block. The day temperature will be 36-40°C and night temperature will be 26-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 29-76% and 10-31% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/05/2021	23/05/2021	24/05/2021	25/05/2021	26/05/2021
Rainfall(mm)	14	0	0	1	40
T-Max(°C)	37	36	38	40	37
T-Min(°C)	27	26	26	29	26
Cloud Cover(/octa)	7	6	7	8	8
RH Max (%)	66	68	76	29	71
RH Min (%)	31	25	19	10	10
Wind Speed (Kmph)	9	8	7	11	8
Wind Direction (deg)	198	162	153	18	34

**Agromet Advisory**

- As cloudy weather is forecasted with light to moderate with isolated heavy rain from Tuesday, the harvested paddy should be shifted to safer places immediately. Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization From Monday onwards.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places.
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable crops**. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water. **Seedling rot** is likely to appear in **vegetable nursery**. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- 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. For **leaf blight, leaf spot** problem in pointed gourd apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- In jute **drain out excess water from cultivated field**. To prevent **stem rot** farmers may spray Validamycin 3% SL 2ml/ltr or carbendazim 2gm/ltr of water.
- After rainfall, In **Maize** field for **Banded leaf blight** spray Validamycin 3% SL 2ml/ltr or Mancozeb 4g/L of water on the leaves. If there was infestation of **Stem rot** at vegetative stage as rainfall was realized in past, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.
- If **rhizome rot** is noticed in the **banana field**, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil@ 2.0 g/ litre of water.
- As rainfall is forecasted, harvest the matured **mangoes** before that. Due to high humidity there may be chances of occurrence of **Anthraxnose disease** in fruiting stage. To control this apply Azoxystrobin 23.0SC 1ml/ltr of water. After rainfall if fungal infection will occur then spray carbendazim 50WP 2gram/ltr of water.
- After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot in papaya**, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.
- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. keep feed for 3-5 days, in case of any emergency.
- Repair the sheds for loose structure and rainfall.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-195**  
**Date- 21/05/2021**

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

The block received average 0 mm and district received average Trace amount mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 27°C, respectively. Mean relative humidity of the district was around 71-66%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> May (8.30IST)2021**

**Cyclone updates:** A cyclonic circulation lies over Southeast and adjoining central Bay of Bengal between 3.1 km & 5.8 km above mean sea level. Under its influence, a Low pressure area is very likely to form over east central Bay of Bengal and adjoining north Andaman Sea on 22nd May 2021. It is very likely to move northwestwards and intensify into a Cyclonic Storm by 24th May. It would continue to move northwestwards, intensify further and reach North Bay of Bengal near Odisha West Bengal coasts around 26th May morning.

**Weather advisory:** Light rainfall/thundershower is forecasted for today with Very light to light rain/thundershower is forecasted for tomorrow and Monday with moderate to heavy with isolated very heavy rainfall is forecasted for Tuesday and dry weather is forecasted for other 1 day in the block. The day temperature will be 34-42°C and night temperature will be 28-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-78% and 15-46% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/05/2021	23/05/2021	24/05/2021	25/05/2021	26/05/2021
Rainfall(mm)	7	2	0	8	68
T-Max(°C)	37	37	40	42	34
T-Min(°C)	28	28	28	30	28
Cloud Cover(octa)	6	5	7	8	8
RH Max (%)	76	76	78	65	77
RH Min (%)	42	38	25	15	46
Wind Speed(Kmph)	18	13	12	13	10
Wind Direction(deg)	203	198	195	23	117

**Agromet Advisory**

- As cloudy weather is forecasted with light to moderate with isolated heavy rain from Tuesday, the harvested paddy should be shifted to safer places immediately. Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization From Monday onwards.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places.
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable crops**. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water. **Seedling rot** is likely to appear in **vegetable nursery**. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- 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. For **leaf blight, leaf spot** problem in pointed gourd apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- In jute **drain out excess water from cultivated field**. To prevent **stem rot** farmers may spray Validamycin 3% SL 2ml/ltr or carbendazim 2gm/ltr of water.
- After rainfall, In **Maize** field for **Banded leaf blight** spray Validamycin 3% SL 2ml/ltr or Mancozeb 4g/L of water on the leaves. If there was infestation of **Stem rot** at vegetative stage as rainfall was realized in past, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.
- If **rhizome rot** is noticed in the **banana field**, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil@ 2.0 g/ litre of water.
- As rainfall is forecasted, harvest the matured **mangoes** before that. Due to high humidity there may be chances of occurrence of **Anthracnose disease** in fruiting stage. To control this apply Azoxystrobin 23.0SC 1ml/ltr of water. After rainfall if fungal infection will occur then spray carbendazim 50WP 2gram/ltr of water.
- After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot in papaya**, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.
- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. keep feed for 3-5 days, in case of any emergency.
- Repair the sheds for loose structure and rainfall.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-195**  
**Date- 21/05/2021**

**AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI**

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

The block received average 0 mm and district received average Trace amount mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 27°C, respectively. Mean relative humidity of the district was around 71-66%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> May (8.30IST)2021**

**Cyclone updates:** A cyclonic circulation lies over Southeast and adjoining central Bay of Bengal between 3.1 km & 5.8 km above mean sea level. Under its influence, a Low pressure area is very likely to form over east central Bay of Bengal and adjoining north Andaman Sea on 22nd May 2021. It is very likely to move northwestwards and intensify into a Cyclonic Storm by 24th May. It would continue to move northwestwards, intensify further and reach North Bay of Bengal near Odisha West Bengal coasts around 26th May morning.

**Weather advisory:** Light to moderate rainfall/thundershower is forecasted for today with Very light to light rain/thundershower is forecasted for tomorrow and Monday with moderate to heavy with isolated very heavy rainfall is forecasted for Tuesday and dry weather is forecasted for other 1 day in the block. The day temperature will be 33-40°C and night temperature will be 27-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-75% and 13-40% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/05/2021	23/05/2021	24/05/2021	25/05/2021	26/05/2021
Rainfall(mm)	13	1	0	9	70
T-Max(°C)	36	36	38	40	33
T-Min(°C)	28	28	28	30	27
Cloud Cover(octa)	6	5	6	8	8
RH Max (%)	75	75	74	61	74
RH Min (%)	38	33	22	13	40
Wind Speed (Kmph)	16	11	12	13	11
Wind Direction (deg)	203	195	203	23	68

**Agromet Advisory**

- As cloudy weather is forecasted with light to moderate with isolated heavy rain from Tuesday, the harvested paddy should be shifted to safer places immediately. Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization From Monday onwards.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places.
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable crops**. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water. **Seedling rot** is likely to appear in **vegetable nursery**. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- 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. For **leaf blight, leaf spot** problem in pointed gourd apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- In jute **drain out excess water from cultivated field**. To prevent **stem rot** farmers may spray Validamycin 3% SL 2ml/ltr or carbendazim 2gm/ltr of water.
- After rainfall, In **Maize** field for **Banded leaf blight** spray Validamycin 3% SL 2ml/ltr or Mancozeb 4g/L of water on the leaves. If there was infestation of **Stem rot** at vegetative stage as rainfall was realized in past, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.
- If **rhizome rot** is noticed in the **banana field**, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil@ 2.0 g/ litre of water.
- As rainfall is forecasted, harvest the matured **mangoes** before that. Due to high humidity there may be chances of occurrence of **Anthraxnose disease** in fruiting stage. To control this apply Azoxystrobin 23.0SC 1ml/ltr of water. After rainfall if fungal infection will occur then spray carbendazim 50WP 2gram/ltr of water.
- After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot in papaya**, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.
- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. keep feed for 3-5 days, in case of any emergency.
- Repair the sheds for loose structure and rainfall.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-195**  
**Date- 21/05/2021**

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

The block received average 0 mm and district received average Trace amount mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 27°C, respectively. Mean relative humidity of the district was around 71-66%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> May (8.30IST)2021**

**Cyclone updates:** A cyclonic circulation lies over Southeast and adjoining central Bay of Bengal between 3.1 km & 5.8 km above mean sea level. Under its influence, a Low pressure area is very likely to form over east central Bay of Bengal and adjoining north Andaman Sea on 22nd May 2021. It is very likely to move northwestwards and intensify into a Cyclonic Storm by 24th May. It would continue to move northwestwards, intensify further and reach North Bay of Bengal near Odisha West Bengal coasts around 26th May morning.

**Weather advisory:** Light to moderate rainfall/thundershower is forecasted for today with Very light to light rain/thundershower is forecasted for tomorrow and Monday with moderate to heavy with isolated very heavy rainfall is forecasted for Tuesday and dry weather is forecasted for other 1 day in the block. The day temperature will be 33-39°C and night temperature will be 28-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-75% and 12-38% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/05/2021	23/05/2021	24/05/2021	25/05/2021	26/05/2021
Rainfall(mm)	11	2	0	8	65
T-Max(°C)	35	36	38	39	33
T-Min(°C)	28	28	28	30	28
Cloud Cover(octa)	6	5	6	8	8
RH Max (%)	75	75	74	61	73
RH Min (%)	37	32	20	12	38
Wind Speed (Kmph)	16	11	12	13	11
Wind Direction (deg)	203	195	203	23	108

**Agromet Advisory**

- As cloudy weather is forecasted with light to moderate with isolated heavy rain from Tuesday, the harvested paddy should be shifted to safer places immediately. Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization From Monday onwards.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable crops**. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water. **Seedling rot** is likely to appear in **vegetable nursery**. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- 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. For **leaf blight, leaf spot** problem in pointed gourd apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- In jute **drain out excess water from cultivated field**. To prevent **stem rot** farmers may spray Validamycin 3% SL 2ml/ltr or carbendazim 2gm/ltr of water.
- After rainfall, In **Maize** field for **Banded leaf blight** spray Validamycin 3% SL 2ml/ltr or Mancozeb 4g/L of water on the leaves. If there was infestation of **Stem rot** at vegetative stage as rainfall was realized in past, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.
- If **rhizome rot** is noticed in the **banana field**, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil@ 2.0 g/ litre of water.
- As rainfall is forecasted, harvest the matured **mangoes** before that. Due to high humidity there may be chances of occurrence of **Anthraxnose disease** in fruiting stage. To control this apply Azoxystrobin 23.0SC 1ml/ltr of water. After rainfall if fungal infection will occur then spray carbendazim 50WP 2gram/ltr of water.
- After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot in papaya**, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.
- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. keep feed for 3-5 days, in case of any emergency.
- Repair the sheds for loose structure and rainfall.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-195**  
**Date- 21/05/2021**

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

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

The block received average 0 mm and district received average Trace amount mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 27°C, respectively. Mean relative humidity of the district was around 71-66%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> May (8.30IST)2021**

**Cyclone updates:** A cyclonic circulation lies over Southeast and adjoining central Bay of Bengal between 3.1 km & 5.8 km above mean sea level. Under its influence, a Low pressure area is very likely to form over east central Bay of Bengal and adjoining north Andaman Sea on 22nd May 2021. It is very likely to move northwestwards and intensify into a Cyclonic Storm by 24th May. It would continue to move northwestwards, intensify further and reach North Bay of Bengal near Odisha West Bengal coasts around 26th May morning.

**Weather advisory:** Light to moderate rainfall/thundershower is forecasted for today with Very light rain/thundershower is forecasted for tomorrow and Monday with moderate to heavy with isolated very heavy rainfall is forecasted for Tuesday and dry weather is forecasted for other 1 day in the block. The day temperature will be 34-42°C and night temperature will be 29-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-79% and 28-53% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/05/2021	23/05/2021	24/05/2021	25/05/2021	26/05/2021
Rainfall(mm)	11	1	0	5	63
T-Max(°C)	37	38	40	42	34
T-Min(°C)	30	30	30	31	29
Cloud Cover(octa)	6	4	7	8	8
RH Max (%)	79	79	76	76	79
RH Min (%)	51	48	36	28	53
Wind Speed (Kmph)	20	16	13	12	11
Wind Direction (deg)	201	161	180	124	293

**Agromet Advisory**

- As cloudy weather is forecasted with light to moderate with isolated heavy rain from Tuesday, the harvested paddy should be shifted to safer places immediately. Use combine harvester and other farm machinery to complete the harvesting of matured paddy crop by today.
- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization From Monday onwards.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places.
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable crops**. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water. **Seedling rot** is likely to appear in **vegetable nursery**. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- 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. For **leaf blight, leaf spot** problem in pointed gourd apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
- In jute **drain out excess water from cultivated field**. To prevent **stem rot** farmers may spray Validamycin 3% SL 2ml/ltr or carbendazim 2gm/ltr of water.
- After rainfall, In **Maize** field for **Banded leaf blight** spray Validamycin 3% SL 2ml/ltr or Mancozeb 4g/L of water on the leaves. If there was infestation of **Stem rot** at vegetative stage as rainfall was realized in past, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.
- If **rhizome rot** is noticed in the **banana field**, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil@ 2.0 g/ litre of water.
- As rainfall is forecasted, harvest the matured **mangoes** before that. Due to high humidity there may be chances of occurrence of **Anthraxnose disease** in fruiting stage. To control this apply Azoxystrobin 23.0SC 1ml/ltr of water. After rainfall if fungal infection will occur then spray carbendazim 50WP 2gram/ltr of water.
- After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot in papaya**, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.
- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. Keep feed for 3-5 days, in case of any emergency.
- Repair the sheds for loose structure and rainfall.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-195**  
**Date- 21/05/2021**

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

The block received average 0 mm and district received average Trace amount mm rainfall during the last week. The mean daily maximum and minimum temperature was 37°C and 27°C, respectively. Mean relative humidity of the district was around 71-66%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> May (8.30IST)2021**

**Cyclone updates:** A cyclonic circulation lies over Southeast and adjoining central Bay of Bengal between 3.1 km & 5.8 km above mean sea level. Under its influence, a Low pressure area is very likely to form over east central Bay of Bengal and adjoining north Andaman Sea on 22nd May 2021. It is very likely to move northwestwards and intensify into a Cyclonic Storm by 24th May. It would continue to move northwestwards, intensify further and reach North Bay of Bengal near Odisha West Bengal coasts around 26th May morning.

**Weather advisory:** Light to moderate rainfall/thundershower is forecasted for today with Very light rain/thundershower is forecasted for Monday with moderate to heavy rainfall is forecasted for Tuesday and dry weather is forecasted for other 2 days in the block. The day temperature will be 35-40°C and night temperature will be 27-32°C for upcoming 5 days. Maximum and minimum relative humidity will be 42-73% and 11-32% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	22/05/2021	23/05/2021	24/05/2021	25/05/2021	26/05/2021
Rainfall(mm)	12	0	0	2	45
T-Max(°C)	37	35	38	40	37
T-Min(°C)	28	27	27	32	28
Cloud Cover(octa)	6	5	7	8	8
RH Max (%)	72	72	73	42	73
RH Min (%)	32	32	20	11	14
Wind Speed (Kmph)	10	11	12	13	12
Wind Direction (deg)	162	162	18	19	23

**Agromet Advisory**

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- Go for harvesting of medium duration rice at physiological maturity stage to avoid lodging and germination in the field itself.
- Drain out excess water in standing rice crop by making alleys (Pahi).
- Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
- Avoid intercultural operations, spraying and fertilization From Monday onwards.
- Provide support to young fruit plants and vegetables. Cover the vegetable nursery with white polythene.
- Arrange adequate drainage channels in vegetables and other standing crop fields.
- Harvest matured vegetable crops and other crops immediately and shift to safer places.
- Arrange for staking in banana, papaya crops to prevent lodging due to high winds.
- Harvest the matured green gram and black gram crop immediately and shift to safer places.
- Go for planting of vegetables immediately after rain for better utilization of rain water.
- Due to rain, **wilting** of plant may appear in early planted **vegetable crops**. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres of water. **Seedling rot** is likely to appear in **vegetable nursery**. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to 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.
- 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. For **leaf blight, leaf spot** problem in pointed gourd apply 400 gram (Metalaxyl + Mancozeb) or 300 gram Chlorothalonil or 160 gram Azoxystrobin in 200 liter water per acre.
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- If **rhizome rot** is noticed in the **banana field**, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalonil@ 2.0 g/ litre of water.
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- Keep the livestock indoors during rainfall if possible keep them loose inside the shed. keep feed for 3-5 days, in case of any emergency.
- Repair the sheds for loose structure and rainfall.

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

- Kindly install and use **“Meghdoot mobile App”** for Cuttack district weather forecast, warnings and weather based agromet advisory services.  
<https://play.google.com/store/apps/details?id=com.aas.meghdoot>
- Kindly install and use **“Damini mobile App”** for location specific for lightening forecast and warnings.  
<https://play.google.com/store/apps/details?id=com.lightening.live.damini>
- Follow the **block specific whats app groups** and join in your block wise groups for getting weather based agromet advisory services twice in a week (Tuesday and Friday) and other weather warning based farm management advisories.
- Follow the **Official Website links** to get the weather based agromet advisory service bulletins (**English & Odia**) twice in a week (Tuesday and Friday).

1	ICAR-NRRI, Cuttack, Odisha	<a href="https://icar-nrri.in/agromate/">https://icar-nrri.in/agromate/</a>	
2	Agrimet division, IMD, Pune	<a href="https://imdagrmet.gov.in/imdproject/AGIndex.php">https://imdagrmet.gov.in/imdproject/AGIndex.php</a>	

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