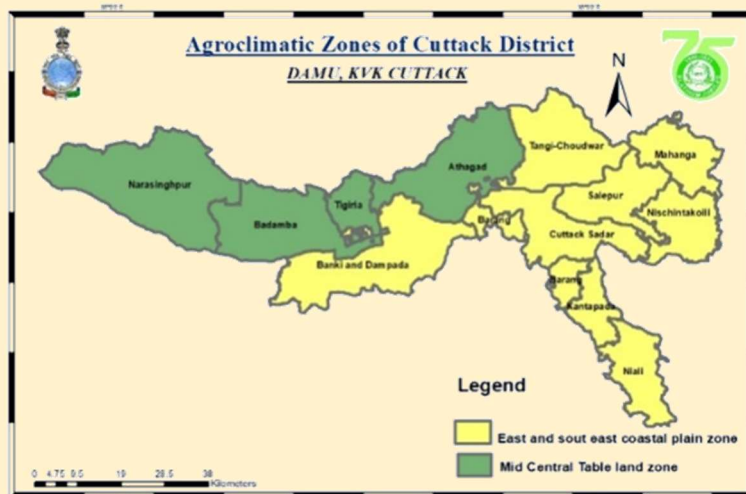




# Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 17<sup>th</sup> March, 2023  
(For the period 17<sup>th</sup> to 21<sup>st</sup> March,  
2023)*



*Issued by  
District Agromet Unit,  
KrishiVigyan Kendra Cuttack*



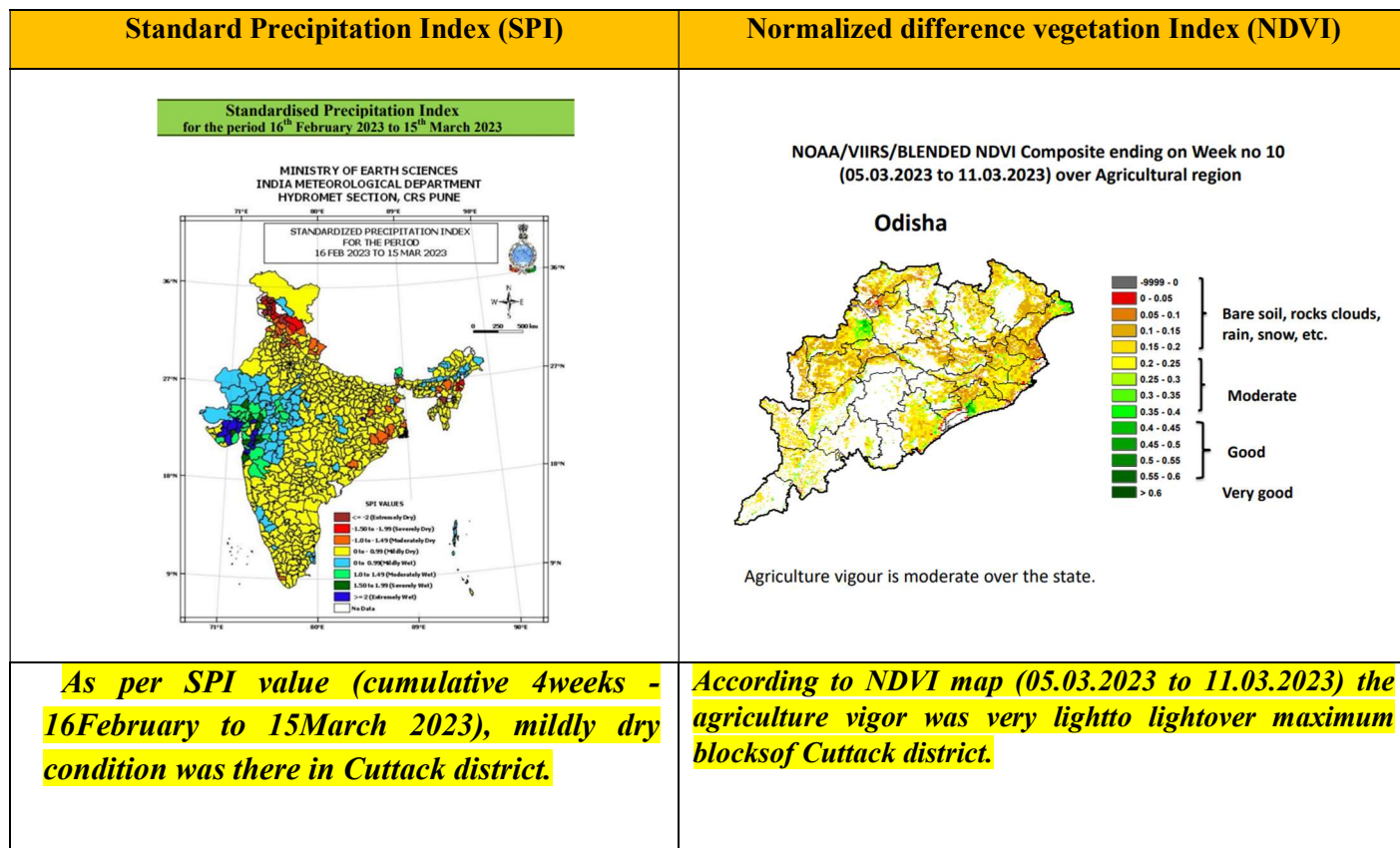


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**Bulletin No.-383**  
**Date- 17/03/2023**

**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 to very heavy rainfall	66-115 mm
	Extremely heavy rainfall	>116 mm

LEGEND (Past week temperature )		
Color code	Temperature	Departure
	Below Normal	< 2°C from normal
	Normal	-2°C to +2°C from normal
	Above Normal	>2°C from normal

Dr Sujata Sethy  
 (Nodal officer)



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Debasish Jena  
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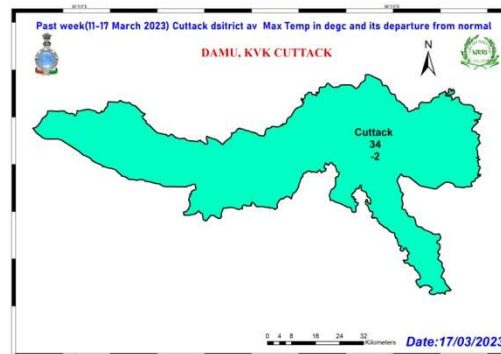
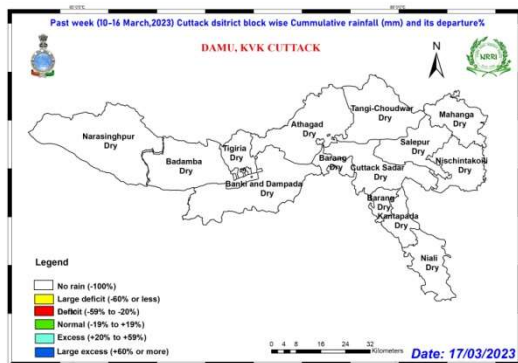


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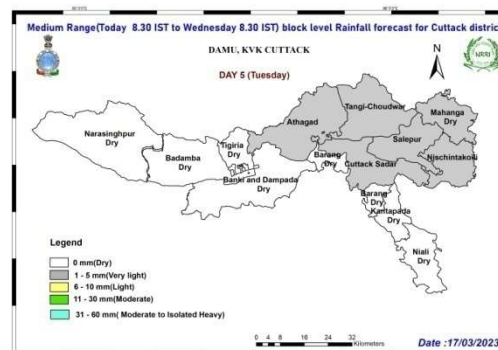
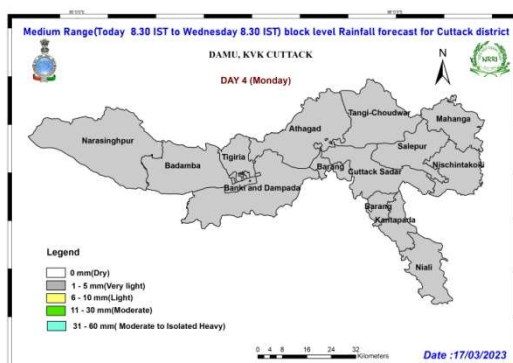
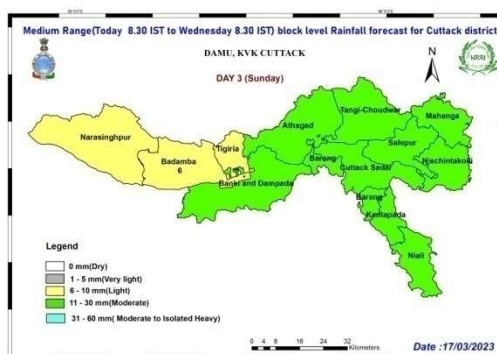
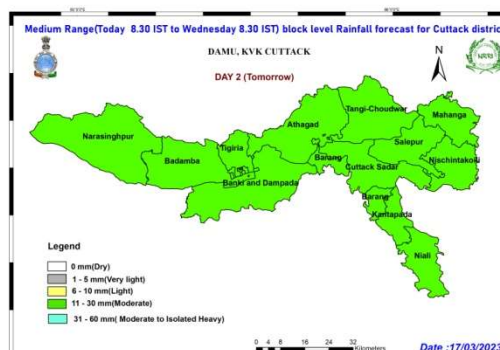
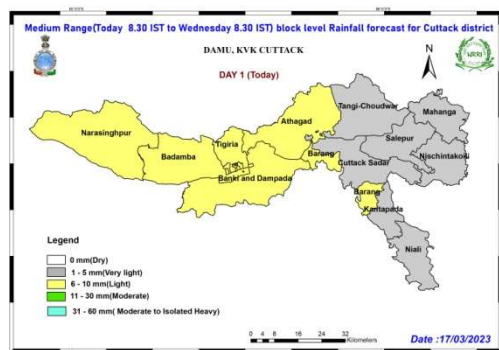


**Bulletin No.-383**  
**Date- 17/03/2023**

**Past week (10-16 March, 2023) cumulative rainfall departure% from normal and (11-17 March, 2023) average maximum temperature and its departure from normal for Cuttack district**



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



**Dr Sujata Sethy**  
 (Nodal officer)



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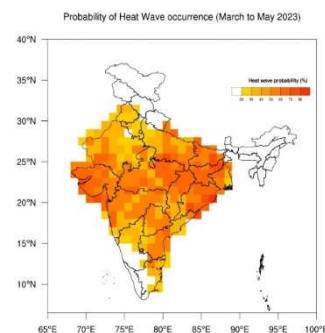
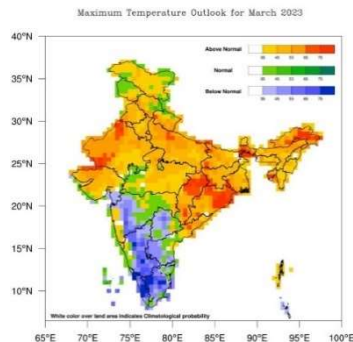
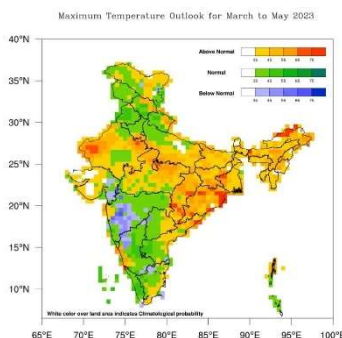
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Met Sub division	Extended range outlook for subsequent 1 week (6 <sup>th</sup> to 12 <sup>th</sup> days) (22-28 March 2023)				
Odisha	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall(mm)	0.20	0.11	83.62	Above Normal
	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature (°C)	32.14	35.39	-3.25	Mod. Below normal
	Minimum temperature (°C)	21.10	21.76	-0.66	Normal

As per extended range outlook there will be scattered light to moderate rainfall/Thundershower (Above normal rainfall) is forecasted in subsequent week (19-25 March, 2023) after 5 days for Odisha condition. So farmers should stop sowing, spraying and irrigation activities in next week and should complete the sowing of summer vegetables like cucurbits and crops like Maize after the subsequent week to utilize the soil moisture effectively.

**Seasonal outlook for Hot weather Season (March to May) 2023 and Monthly Outlook for March 2023 for the Temperature**

- During the upcoming hot weather season (March to May (MAM)), above normal maximum and minimum temperatures are likely over most parts of Odisha.
- Monthly maximum temperatures for March 2023 are likely to be above normal over most parts of Odisha.
- Enhanced probability of occurrence of Heatwave during March to May season is likely over many regions of Odisha.
- Based upon above forecast farmers are advised to go for sowing of Drought tolerant less duration variety of Crops and vegetables and should make proper arrangement of soil moisture conservation and irrigation practices in critical growth/moisture sensitive stage (Especially during reproductive or flowering to grainfilling/fruting stage).



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**Bulletin No.-383**  
**Date- 17/03/2023**

**General agro-met advisory for Thunderstorm/Lightening/Hail storm condition in Cuttack district**

- *As maximum early sown Green gram, Black gram, Mustard, Groundnut crops and cucurbits, Brinjal, Tomato, Okra crop are at harvesting stage harvest them before thundershower and store them at safer places.*
- *Stop sowing, fertilizer/Pesticide application and irrigation activities during rainy days.*
- *Start sowing of summer maize and cucurbits after thundershower by utilization of soil moisture.*
- *In view of thunderstorm accompanied with gusty winds, provide mechanical support to orchards, staking in vegetables.*
- *Provide hail net to protect vegetables and young fruit pant from hail damage.*
- In Banana Drain the excess water as soon as possible. Spray 1% KNO<sub>3</sub> or Urea 2% solution 2-3 times during vegetative to flowering stage. Topdressing of booster dose of 80 g MOP + 100 g Urea per plant in two to three splits at monthly intervals.
- Keep animals away from open water, pond or river.
- Keep animals away from tractors and other metal farm equipment.
- Drain out excess water from standing crops.
- Cover the harvested produce with polythene sheet.
- Don't allow your animals to congregate under trees. Watch your animals closely and try to keep them under your direct control.



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**Bulletin No.-383**  
**Date- 17/03/2023**

**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	Summer Rice (Irrigated)	Tillering		Blast
				BLB
				Leaf folder
				Stem borer
2	Pulses (Green gram and black gram)	Flowering to pod development		Anthracnose
				Cercospora leaf spot
				Wilting
				Rust
3	Rabi Groundnut	Flowering to maturity		Spodoptera/Tobacco caterpillar
				Tikka
4	Sugarcane	Vegetative to Tillering		Weeds

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5	Maize (Sweet corn)	3-5 week stage		Stem fly
				Leaf blight
6	Tomato/Barinjal			Wilting
				Seedling rot
7	Onion	Flowering to fruting		Purple blight
				Stemphyllium Blight
8	Cucurbits	Flowering to Fruiting stage		Downy mildew
9	Mango	Flowering to fruiting		Mango hooper
10	Banana			Sigatoka

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**Bulletin No.-383**  
**Date- 17/03/2023**

**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.7°C (-1.5 from normal) and 22°C (+1.2 from normal), respectively. The mean relative humidity was 48-72%.

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> March(8.30IST)2023**

**Weather advisory:** *Moderate rainfall/Thundershower is forecasted on Friday and Saturday and Very light to light rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be 25-31°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-87% and 26-54% 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	17/03/2023	18/03/2023	19/03/2023	20/03/2023	21/03/2023
Rainfall (mm)	6	29	15	4	1
T-Max (°C)	31	28	25	29	30
T-Min (°C)	25	24	23	24	25
Cloud Cover (octa)	8	7	7	2	3
RH Max (%)	69	86	87	87	65
RH Min (%)	26	32	54	27	26
Wind Speed (kmph)	12	14	14	14	10
Wind Direction (deg)	198	193	203	204	225

**Crop specific Agro-met Advisory**

**Summer Rice (Irrigated):**

The crop is at tillering stage. **Provide proper drainage channel to drain out excess water.**

• Temperature below 28°C and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. In early transplanted/direct sown crop, chance for **leaf folder** infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.

• Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control spray tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

**Pulses:**

**Harvest matured pulses as soon as possible.** There may be chances of infestation of **Anthraxnose and Cercopsera leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Maize:**

**Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

**Rabi-Groundnut:**

**Harvest matured groundnut as soon as possible.** **Provide proper drainage channel to drain out excess water.**

**Forecasted weather favors infestation of tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

**Vegetables:**

**Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.**

**Tomato/Brinjal:**

To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **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.

**Onion:**

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

**Cucurbits:** 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.

**Fruits:**

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in banana.

**Animal husbandry:** Don't allow livestock to outside in view of thunderstorm activities.

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



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**Bulletin No.-383**  
**Date- 17/03/2023**

**AGROMET ADVISORY BULLETIN FOR BADAMBA**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.7°C (-1.5 from normal) and 22°C (+1.2 from normal), respectively. The mean relative humidity was 48-72%.

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> March(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for today and Very light to light rainfall/Thundershower is forecasted for next 4 days in the block. The day temperature will be 25-32°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-87% and 23-52% 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	17/03/2023	18/03/2023	19/03/2023	20/03/2023	21/03/2023
Rainfall(mm)	6	25	10	3	0
T-Max(°C)	32	27	25	30	31
T-Min(°C)	23	23	21	22	23
Cloud Cover(octa)	7	7	7	2	2
RH Max (%)	71	83	87	86	65
RH Min (%)	24	34	52	25	23
Wind Speed (Kmph)	12	13	13	11	9
Wind Direction (deg)	198	201	204	214	240

**Crop specific Agro-met Advisory**

**Summer Rice (Irrigated):**

The crop is at tillering stage. Provide proper drainage channel to drain out excess water.

• Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. In early transplanted/direct sown crop, chance for **leaf folder** infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.

• Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control spray tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

**Pulses:**

**Harvest matured pulses as soon as possible.** There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

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**Vegetables:**

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**Cucurbits:** After cessation of rain, **downy mildew disease** will appear in cucurbits. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.

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**Date- 17/03/2023**

**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week average weather condition**

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.7°C (-1.5 from normal) and 22°C (+1.2 from normal), respectively. The mean relative humidity was 48-72%.

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> March(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for Tuesday and Moderate rainfall/Thundershower is forecasted on Friday and Saturday and Very light to light rainfall/thundershower is forecasted for other 2 days in the block. The day temperature will be 25-32°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-87% and 25-56% 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	17/03/2023	18/03/2023	19/03/2023	20/03/2023	21/03/2023
Rainfall(mm)	6	24	11	2	0
T-Max(°C)	32	28	25	29	30
T-Min(°C)	24	24	22	23	24
Cloud Cover(octa)	7	7	7	2	2
RH Max (%)	69	85	87	87	69
RH Min (%)	25	34	56	27	25
Wind Speed (Kmph)	13	15	14	14	10
Wind Direction (deg)	201	193	204	204	236

**Crop specific Agro-met Advisory**

**Summer Rice (Irrigated):**

The crop is at tillering stage. Provide proper drainage channel to drain out excess water.

- Temperature below 28°C and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. In early transplanted/direct sown crop, chance for **leaf folder** infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control spray tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

**Pulses:**

**Harvest matured pulses as soon as possible.** There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Maize:**

**Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

**Rabi-Groundnut:**

**Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.**

**Forecasted weather favors infestation of tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

**Vegetables:**

**Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.**

**Tomato/Brinjal:**

To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **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.

**Onion:**

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

**Cucurbits:** 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.

**Fruits:**

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in **banana**.

**Animal husbandry:** Don't allow livestock to outside in view of thunderstorm activities.

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



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**Bulletin No.-383**  
**Date- 17/03/2023**

**AGROMET ADVISORY BULLETIN FOR BANKI-DAMPADA**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.7°C (-1.5 from normal) and 22°C (+1.2 from normal), respectively. The mean relative humidity was 48-72%.

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> March(8.30IST)2023**

**Weather Advisory:** Dry weather is forecasted for Tuesday and Moderate rainfall/Thundershower is forecasted on Friday and Saturday and Very light to light rainfall/thundershower is forecasted for other 2 days in the block. The day temperature will be 25-31°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-87% and 25-57% respectively.

There will be partly cloudy to overcast sky for next 5 days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/03/2023	18/03/2023	19/03/2023	20/03/2023	21/03/2023
Rainfall(mm)	6	25	12	2	0
T-Max(°C)	31	28	25	29	30
T-Min(°C)	25	24	22	23	24
Cloud Cover(octa)	7	7	7	2	2
RH Max (%)	69	85	87	87	70
RH Min (%)	25	34	57	28	26
Wind Speed (Kmph)	13	15	14	15	10
Wind Direction (deg)	201	193	204	204	225

**Crop specific Agro-met Advisory**

**Summer Rice (Irrigated):**

The crop is at tillering stage. **Provide proper drainage channel to drain out excess water.**

• Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. In early transplanted/direct sown crop, chance for **leaf folder** infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.

• Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control spray tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

**Pulses:**

**Harvest matured pulses as soon as possible.** There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Maize:**

**Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

**Rabi-Groundnut:**

**Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.**

**Forecasted weather favors infestation of tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

**Vegetables:**

**Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.**

**Tomato/Brinjal:**

To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **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.

**Onion:**

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

**Cucutbits:** 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.

**Fruits:**

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in banana.

**Animal husbandry:** Don't allow livestock to outside in view of thunderstorm activities.

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



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**Bulletin No.-383**  
**Date- 17/03/2023**

**AGROMET ADVISORY BULLETIN FOR BARANGA**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.7°C (-1.5 from normal) and 22°C (+1.2 from normal), respectively. The mean relative humidity was 48-72%.

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> March(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for Tuesday and Moderate rainfall/Thundershower is forecasted on Friday and Saturday and Very light to light rainfall/thundershower is forecasted for other 2 days in the block. The day temperature will be 24-31°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-90% and 28-58% 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	17/03/2023	18/03/2023	19/03/2023	20/03/2023	21/03/2023
Rainfall(mm)	6	26	14	4	0
T-Max(°C)	31	28	24	28	29
T-Min(°C)	25	24	22	24	25
Cloud Cover	8	8	7	2	2
RH Max (%)	72	86	90	88	76
RH Min (%)	28	32	58	36	31
Wind Speed (Kmph)	14	16	14	17	11
Wind Direction (deg)	203	198	204	203	225

**Crop specific Agro-met Advisory**

**Summer Rice (Irrigated):**

The crop is at tillering stage. Provide proper drainage channel to drain out excess water.

- Temperature below 28°C and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. In early transplanted/direct sown crop, chance for **leaf folder** infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control spray tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

**Pulses:**

**Harvest matured pulses as soon as possible.** There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Maize:**

**Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

**Rabi-Groundnut:**

**Harvest matured groundnut as soon as possible.** Provide proper drainage channel to drain out excess water.

**Forecasted weather favors infestation of tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **likka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

**Vegetables:**

**Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.**

**Tomato/Brinjal:**

To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **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.

**Onion:**

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

**Cucurbits:** 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.

**Fruits:**

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in **banana**.

**Animal husbandry:** Don't allow livestock to outside in view of thunderstorm activities.

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



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**Bulletin No.-383**  
**Date- 17/03/2023**

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.7°C (-1.5 from normal) and 22°C (+1.2 from normal), respectively. The mean relative humidity was 48-72%.

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> March(8.30IST)2023**

**Weather advisory:** *Moderate rainfall/Thundershower is forecasted on Friday and Saturday and Very light rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be 24-31°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-90% and 29-52% 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	17/03/2023	18/03/2023	19/03/2023	20/03/2023	21/03/2023
Rainfall(mm)	4	27	15	4	1
T-Max(°C)	31	28	24	28	29
T-Min(°C)	25	24	23	24	25
Cloud Cover(octa)	8	8	7	2	3
RH Max (%)	71	86	90	87	73
RH Min (%)	30	32	52	31	29
Wind Speed (Kmph)	12	15	14	16	11
Wind Direction (deg)	193	198	204	203	214

**Crop specific Agro-met Advisory**

**Summer Rice (Irrigated):**

The crop is at tillering stage. **Provide proper drainage channel to drain out excess water.**

- Temperature below 28°C and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. In early transplanted/direct sown crop, chance for **leaf folder** infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control spray tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

**Pulses:**

**Harvest matured pulses as soon as possible.** There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Maize:**

**Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

**Rabi-Groundnut:**

**Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.**

**Forecasted weather favors infestation of tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **likka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

**Vegetables:**

**Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.**

**Tomato/Brinjal:**

To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **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.

**Onion:**

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

**Cucurbits:** 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.

**Fruits:**

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in **banana**.

**Animal husbandry:** Don't allow livestock to outside in view of thunderstorm activities.

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



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**Bulletin No.-383**  
**Date- 17/03/2023**

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.7°C (-1.5 from normal) and 22°C (+1.2 from normal), respectively. The mean relative humidity was 48-72%.

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> March(8.30IST)2023**

**Weatheradvisory:** Dry weather is forecasted for Tuesday and Moderate rainfall/Thundershower is forecasted on Friday and Saturday and Very light to light rainfall/thundershower is forecasted for other 2 days in the block. The day temperature will be 24-31°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-91% and 29-63% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/03/2023	18/03/2023	19/03/2023	20/03/2023	21/03/2023
Rainfall(mm)	4	28	16	4	0
T-Max(°C)	31	28	24	27	30
T-Min(°C)	25	24	22	24	24
Cloud Cover(octa)	7	8	7	2	1
RH Max (%)	74	84	91	87	79
RH Min (%)	29	34	63	46	34
Wind Speed (Kmph)	15	16	14	18	12
Wind Direction (deg)	203	198	204	203	210

**Crop specific Agro-met Advisory**

**Summer Rice (Irrigated):**

The crop is at tillering stage. Provide proper drainage channel to drain out excess water.

• Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. In early transplanted/direct sown crop, chance for **leaf folder** infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.

• Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control spray tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

**Pulses:**

**Harvest matured pulses as soon as possible.** There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Maize:**

**Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

**Rabi-Groundnut:**

**Harvest matured groundnut as soon as possible.** Provide proper drainage channel to drain out excess water.

**Forecasted weather favors infestation of tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

**Vegetables:**

**Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.**

**Tomato/Brinjal:**

To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **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.

**Onion:**

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

**Cucurbits:** 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.

**Fruits:**

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in banana.

**Animal husbandry:** Don't allow livestock to outside in view of thunderstorm activities.

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



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**Bulletin No.-383**  
**Date- 17/03/2023**

**AGROMET ADVISORY BULLETIN FOR MAHANGA**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.7°C (-1.5 from normal) and 22°C (+1.2 from normal), respectively. The mean relative humidity was 48-72%.

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> March(8.30IST)2023**

**Weather advisory:** Moderate rainfall/Thundershower is forecasted on Friday and Saturday and Very light rainfall/thundershower is forecasted for other 3 days in the block. The day temperature will be and it will be 24-31°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-92% and 33-51% 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	17/03/2023	18/03/2023	19/03/2023	20/03/2023	21/03/2023
Rainfall(mm)	5	29	14	3	1
T-Max(°C)	31	28	24	28	30
T-Min(°C)	24	23	22	23	24
Cloud Cover(octal)	8	8	7	2	3
RH Max (%)	73	86	92	89	76
RH Min (%)	33	34	51	39	33
Wind Speed (Kmph)	11	14	14	18	12
Wind Direction (deg)	198	203	204	203	225

**Crop specific Agro-met Advisory**

**Summer Rice (Irrigated):**

The crop is at tillering stage. Provide proper drainage channel to drain out excess water.

• Temperature below 28°C and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10 kg/acre. In early transplanted/direct sown crop, chance for **leaf folder** infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.

• Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control spray tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

**Pulses:**

**Harvest matured pulses as soon as possible.** There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Maize:**

**Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granules @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

**Rabi-Groundnut:**

**Harvest matured groundnut as soon as possible.** Provide proper drainage channel to drain out excess water.

**Forecasted weather favors infestation of tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

**Vegetables:**

**Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.**

**Tomato/Brinjal:**

To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **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.

**Onion:**

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

**Cucurbits:** 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.

**Fruits:**

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in banana.

**Animal husbandry:** Don't allow livestock to outside in view of thunderstorm activities.

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



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**Bulletin No.-383**  
**Date- 17/03/2023**

**AGROMET ADVISORY BULLETIN FOR NARASINGHPUR**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.7°C (-1.5 from normal) and 22°C (+1.2 from normal), respectively. The mean relative humidity was 48-72%.

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> March(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for Tuesday and light to Moderate rainfall/Thundershower is forecasted on Friday and Saturday and Very light to light rainfall/thundershower is forecasted for other 2 days in the block. The day temperature will be 25-32°C and night temperature will be 19-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-91% and 19-44% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/03/2023	18/03/2023	19/03/2023	20/03/2023	21/03/2023
Rainfall(mm)	7	24	10	2	0
T-Max(°C)	32	26	25	29	31
T-Min(°C)	21	21	19	20	21
Cloud Cover(octa)	8	7	7	3	3
RH Max (%)	77	79	91	83	65
RH Min (%)	21	33	44	25	19
Wind Speed (Kmph)	8	9	10	7	7
Wind Direction (deg)	204	203	206	248	279

**Crop specific Agro-met Advisory**

**Summer Rice (Irrigated):**

The crop is at tillering stage. **Provide proper drainage channel to drain out excess water.**

• Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. In early transplanted/direct sown crop, chance for **leaf folder** infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.

• Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control spray tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

**Pulses:**

**Harvest matured pulses as soon as possible.** There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Maize:**

**Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

**Rabi-Groundnut:**

**Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.**

Forecasted weather favors infestation of **tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

**Vegetables:**

**Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.**

**Tomato/Brinjal:**

To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **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.

**Onion:**

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

**Cucurbits:** 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.

**Fruits:**

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in banana.

**Animal husbandry:** Don't allow livestock to outside in view of thunderstorm activities.

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



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**Bulletin No.-383**  
**Date- 17/03/2023**

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.7°C (-1.5 from normal) and 22°C (+1.2 from normal), respectively. The mean relative humidity was 48-72%.

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> March(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for Tuesday and Moderate rainfall/Thundershower is forecasted on Friday and Saturday and Very light to light rainfall/thundershower is forecasted for other 2 days in the block. The day temperature will be 24-31°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-89% and 32-70% 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	17/03/2023	18/03/2023	19/03/2023	20/03/2023	21/03/2023
Rainfall(mm)	4	28	18	4	0
T-Max(°C)	31	29	24	27	30
T-Min(°C)	24	24	22	23	24
Cloud Cover(octa)	7	8	7	3	0
RH Max (%)	76	82	89	87	80
RH Min (%)	32	36	70	53	39
Wind Speed(Kmph)	15	16	14	19	13
Wind Direction(deg)	203	201	203	203	210

**Crop specific Agro-met Advisory**

**Summer Rice (Irrigated):**

The crop is at tillering stage. Provide proper drainage channel to drain out excess water.

• Temperature below 28deg c and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. In early transplanted/direct sown crop, chance for **leaf folder** infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.

• Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control spray tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

**Pulses:**

**Harvest matured pulses as soon as possible.** There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Maize:**

**Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

**Rabi-Groundnut:**

**Harvest matured groundnut as soon as possible.** Provide proper drainage channel to drain out excess water.

**Forecasted weather favors infestation of tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **likka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

**Vegetables:**

**Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.**

**Tomato/Brinjal:**

To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **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.

**Onion:**

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

**Cucurbits:** 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.

**Fruits:**

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in banana.

**Animal husbandry:** Don't allow livestock to outside in view of thunderstorm activities.

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**(Nodal officer)**



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**Bulletin No.-383**  
**Date- 17/03/2023**

**AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI**  
**District Past week average weather condition and Block past week average Rainfall condition**

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.7°C (-1.5 from normal) and 22°C (+1.2 from normal), respectively. The mean relative humidity was 48-72%.

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> March(8.30IST)2023**

**Weather advisory:** *Moderate rainfall/Thundershower is forecasted on Friday and Saturday and Very light rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be 24-31°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-92% and 33-54% 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	17/03/2023	18/03/2023	19/03/2023	20/03/2023	21/03/2023
Rainfall(mm)	4	27	17	4	1
T-Max(°C)	31	28	24	28	30
T-Min(°C)	24	23	22	23	24
Cloud Cover(octa)	7	8	7	2	2
RH Max (%)	74	85	92	89	78
RH Min (%)	33	34	54	41	34
Wind Speed (Kmph)	12	15	14	19	12
Wind Direction (deg)	198	203	204	203	214

**Crop specific Agro-met Advisory**

**Summer Rice (Irrigated):**

The crop is at tillering stage. Provide proper drainage channel to drain out excess water.

- Temperature below 28°C and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. In early transplanted/direct sown crop, chance for **leaf folder** infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control spray tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

**Pulses:**

**Harvest matured pulses as soon as possible.** There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Maize:**

**Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

**Rabi-Groundnut:**

**Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.**

**Forecasted weather favors infestation of tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

**Vegetables:**

*Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.*

**Tomato/Brinjal:**

To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **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.

**Onion:**

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

**Cucurbits:** 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.

**Fruits:**

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in **banana**.

**Animal husbandry:** Don't allow livestock to outside in view of thunderstorm activities.

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



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**Bulletin No.-383**  
**Date- 17/03/2023**

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.7°C (-1.5 from normal) and 22°C (+1.2 from normal), respectively. The mean relative humidity was 48-72%.

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> March(8.30IST)2023**

**Weather advisory:** *Moderate rainfall/Thundershower is forecasted on Friday and Saturday and Very light rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be 24-31°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-92% and 33-53% 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	17/03/2023	18/03/2023	19/03/2023	20/03/2023	21/03/2023
Rainfall(mm)	3	28	15	3	1
T-Max(°C)	31	28	24	28	30
T-Min(°C)	24	23	22	23	24
Cloud Cover(octa)	8	8	7	2	2
RH Max (%)	73	86	92	89	77
RH Min (%)	33	34	53	39	33
Wind Speed (Kmph)	12	15	14	18	11
Wind Direction (deg)	198	203	204	203	214

**Crop specific Agro-met Advisory**

**Summer Rice (Irrigated):**

The crop is at tillering stage. Provide proper drainage channel to drain out excess water.

• Temperature below 28°C and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. In early transplanted/direct sown crop, chance for **leaf folder** infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.

• Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control spray tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

**Pulses:**

**Harvest matured pulses as soon as possible.** There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Maize:**

**Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

**Rabi-Groundnut:**

**Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.**

**Forecasted weather favors infestation of tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

**Vegetables:**

*Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.*

**Tomato/Brinjal:**

To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **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.

**Onion:**

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

**Cucurbits:** 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.

**Fruits:**

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in **banana**.

**Animal husbandry:** Don't allow livestock to outside in view of thunderstorm activities.

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



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**Bulletin No.-383**  
**Date- 17/03/2023**

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.7°C (-1.5 from normal) and 22°C (+1.2 from normal), respectively. The mean relative humidity was 48-72%.

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> March(8.30IST)2023**

**Weather advisory:** Moderate rainfall/Thundershower is forecasted on Friday and Saturday and Very light rainfall/thundershower is forecasted for other 3 days in the block. The day temperature will be 28-34°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-85% and 42-68% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/03/2023	18/03/2023	19/03/2023	20/03/2023	21/03/2023
Rainfall(mm)	5	29	13	3	1
T-Max(°C)	34	32	28	30	33
T-Min(°C)	25	25	23	25	25
Cloud Cover(octa)	7	8	7	3	0
RH Max (%)	75	79	85	84	81
RH Min (%)	43	42	68	59	47
Wind Speed (Kmph)	16	18	15	21	16
Wind Direction (deg)	206	203	204	203	210

**Crop specific Agro-met Advisory**

**Summer Rice (Irrigated):**

The crop is at tillering stage. Provide proper drainage channel to drain out excess water.

• Temperature below 28°C and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. In early transplanted/direct sown crop, chance for **leaf folder** infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.

• Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control spray triacyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

**Pulses:**

**Harvest matured pulses as soon as possible.** There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Maize:**

**Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

**Rabi-Groundnut:**

**Harvest matured groundnut as soon as possible.** Provide proper drainage channel to drain out excess water.

**Forecasted weather favors infestation of tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

**Vegetables:**

**Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.**

**Tomato/Brinjal:**

To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **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.

**Onion:**

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

**Cucurbits:** 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.

**Fruits:**

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in banana.

**Animal husbandry:** Don't allow livestock to outside in view of thunderstorm activities.

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



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**Bulletin No.-383**  
**Date- 17/03/2023**

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.7°C (-1.5 from normal) and 22°C (+1.2 from normal), respectively. The mean relative humidity was 48-72%.

**Forecasted period: Today(8.30IST) to 22<sup>nd</sup> March(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for Tuesday and Moderate rainfall/Thundershower is forecasted on Friday and Saturday and Very light to light rainfall/thundershower is forecasted for other 2 days in the block. The day temperature will be 25-31°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-87% and 25-55% 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	17/03/2023	18/03/2023	19/03/2023	20/03/2023	21/03/2023
Rainfall(mm)	6	28	12	2	0
T-Max(°C)	31	28	25	29	30
T-Min(°C)	24	24	22	23	24
Cloud Cover(octa)	8	7	7	2	3
RH Max (%)	69	85	87	87	64
RH Min (%)	25	32	55	25	25
Wind Speed (Kmph)	12	14	14	13	9
Wind Direction (deg)	198	193	203	214	165

**Crop specific Agro-met Advisory**

**Summer Rice (Irrigated):**

The crop is at tillering stage. Provide proper drainage channel to drain out excess water.

• Temperature below 28°C and continuous rainfall lead to infestation of **stem borer** at tillering stage of rice, to control this apply Azadirachtin 0.15% EC @ 800 ml/acre or Cartap hydrochloride 4G @ 10kg/acre. In early transplanted/direct sown crop, chance for **leaf folder** infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.

• Forecasted cloudy and humid weather conditions are favorable for the development **blast** in paddy. For the blast control spray tricyclazole 75% @ 0.6 gram or Isoprothiolane 40 % @ 1.5 ml/ lit of water. If **bacterial leaf blight** will be found in rice due to cloudy weather, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

**Pulses:**

**Harvest matured pulses as soon as possible.** There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

**Maize:**

**Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

**Rabi-Groundnut:**

**Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.**

Forecasted weather favors infestation of **tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

**Vegetables:**

**Provide mechanical support to Cucurbits, Papaya, Banana, sugarcane crops to protect from lodging. Harvest matured fruits, vegetables as soon as possible and keep them at safer places.**

**Tomato/Brinjal:**

To prevent of soil borne diseases like **seedling rot, stem rot** diseases apply 3g of Copper oxychloride per litre of water around the main stem. **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.

**Onion:**

There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre by mixing in 200 litre of water at 15 days interval.

**Cucurbits:** 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.

**Fruits:**

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering. Spray mancozeb 2g/litre, to control **sigatoka leaf spot** in banana.

**Animal husbandry:** Don't allow livestock to outside in view of thunderstorm activities.

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**Bulletin No.-383**  
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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	<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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