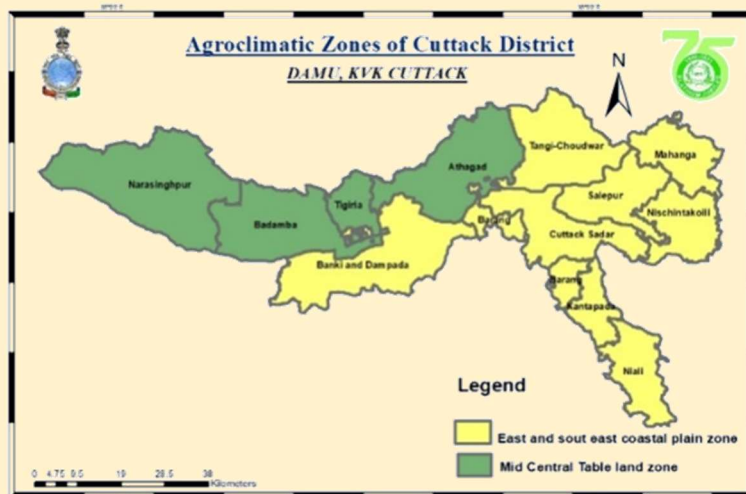




Cuttack District Block Wise Agro-met Advisory Service Bulletin

Tuesday, 21st March, 2023
(For the period 21st to 25th March, 2023)



Issued by
District Agromet Unit,
KrishiVigyan Kendra Cuttack



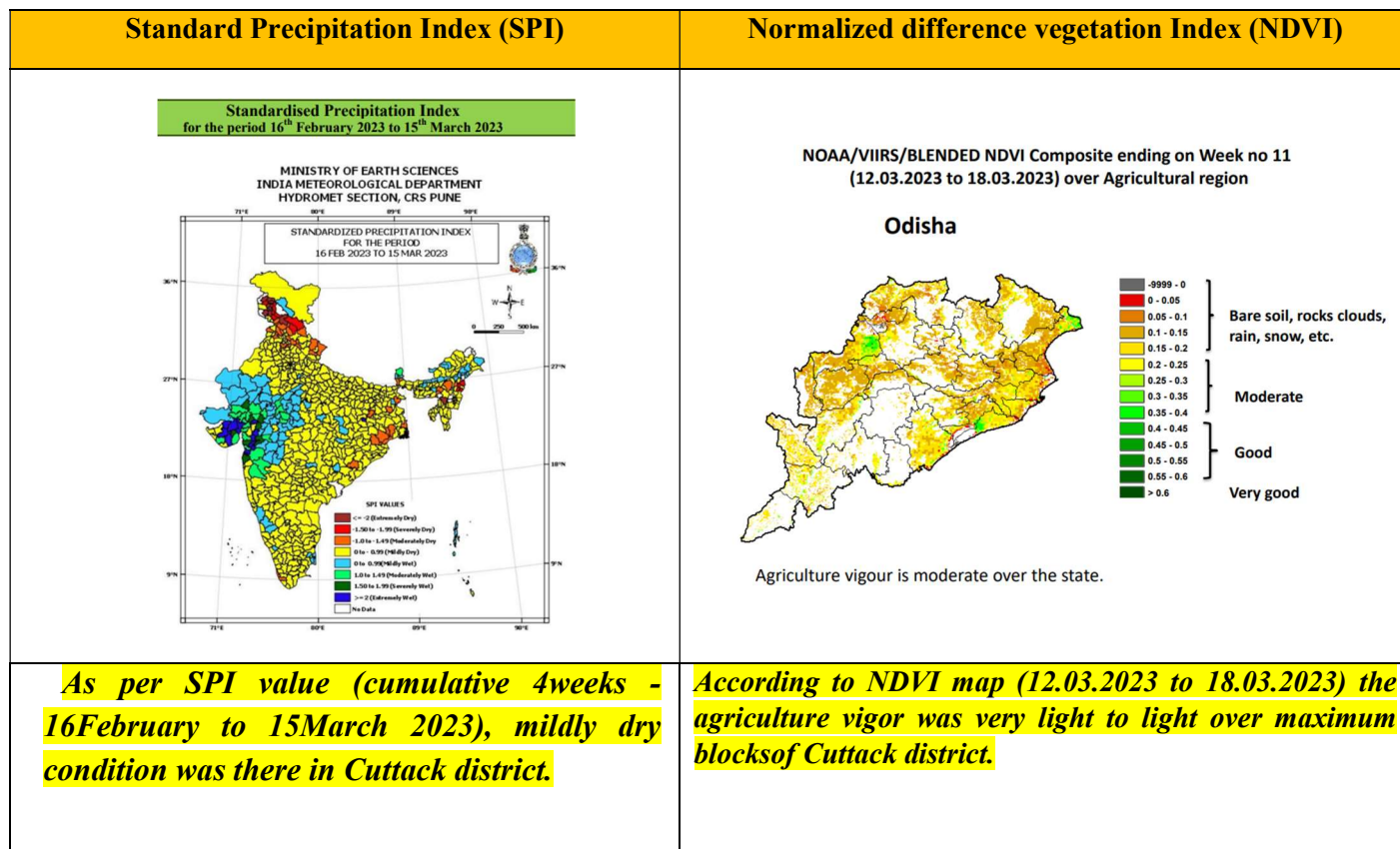


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Bulletin No.-384
Date- 21/03/2023

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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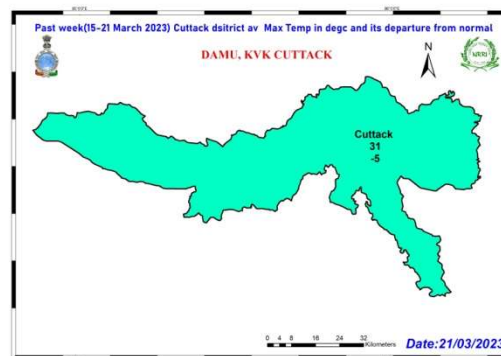
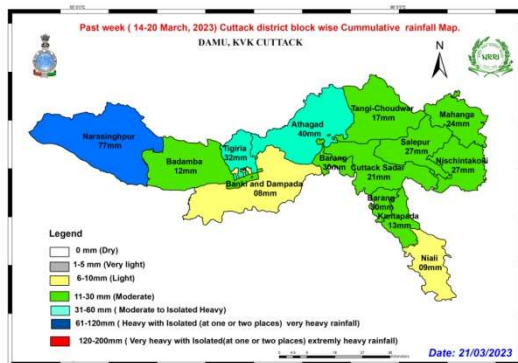


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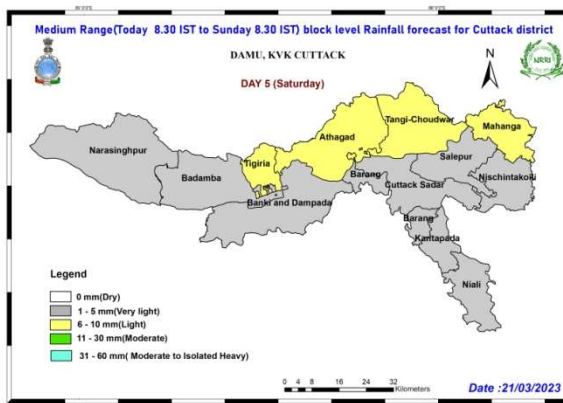
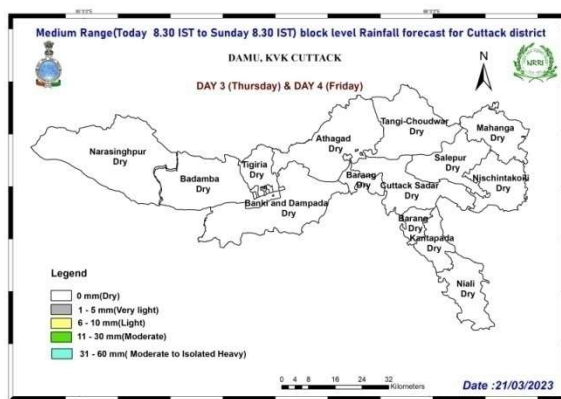
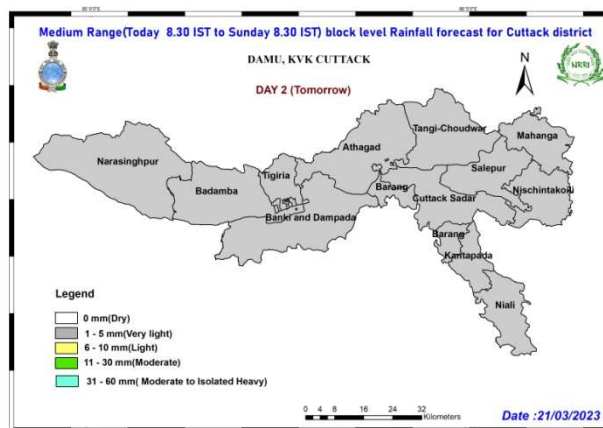
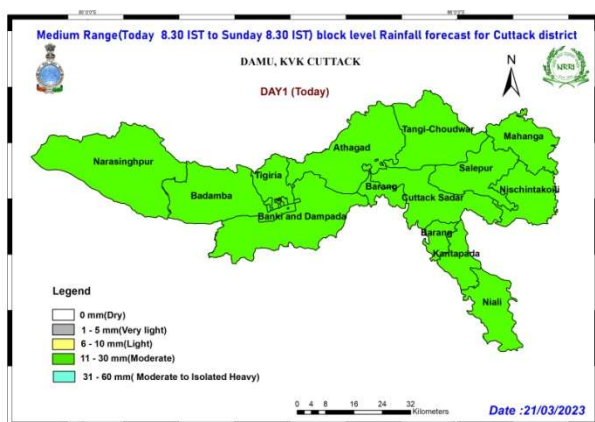


Bulletin No.-384
Date- 21/03/2023

Past week (14-20 March, 2023) cumulative rainfall (mm) and (15-21 March, 2023) average maximum temperature and its departure from normal for Cuttack district



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



Dr Sujata Sethy
(Nodal officer)



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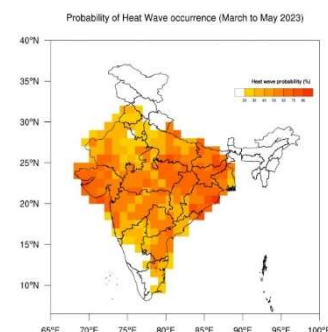
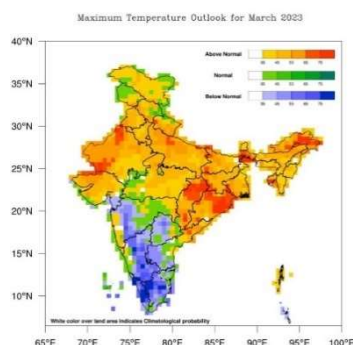
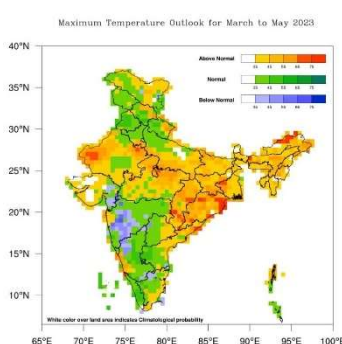
Bulletin No.-384
Date- 21/03/2023

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (26 March-01 April 2023)				
Odisha	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall(mm)	0.23	0.22	6.09	Normal
	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature (°C)	33.83	35.47	-1.64	Below normal
	Minimum temperature (°C)	22.26	22.19	0.07	Normal

As per extended range outlook there will be light to moderate rainfall/Thundershower (normal rainfall) is forecasted in subsequent week (26 March-01 April, 2023) after 5 days for Odisha condition. So farmers should start 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.-384
Date- 21/03/2023

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.*
- *Provide hail net to protect vegetables and young fruit pant from hail damage.*
- In view of thunderstorm accompanied with gusty winds, provide mechanical support to orchards, staking in vegetables.
- In Banana Drain the excess water as soon as possible. Spray 1% KNO₃ 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.



General agro-met advisory for Hail storm affected Crop/Vegetable field in Cuttack district

- Hail storm has been recorded in various blocks like Cuttack sadar, Salepur, Mahanga, Nischintakoili, which has a direct negative impact on yield of Crop/Vegetables.
- In hail affected vegetables farmers should spray 1%KNO₃.
- For control of fungal and bacterial dis apply Copper fungicide.
- Micronutrient spray should be carried out to rejuvenate the affected crops and vegetables.
- Apply Mancozeb/Carbendazim 2g/liter of water to avoid secondary infections.
- Apply booster dose of Urea and MOP to partially damaged Orchards.



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Bulletin No.-384
Date- 21/03/2023

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		Spodotera/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

Dr Sujata Sathy
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Bulletin No.-384
Date- 21/03/2023

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 6 mm and district received average 3.4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C (-5 from normal) and 28.8°C (-0.8 from normal), respectively. The mean relative humidity was 63-79%.

Forecasted period: Today(8.30IST) to 26th March(8.30IST)2023

Weather advisory: Moderate rainfall/Thundershower is forecasted on Today and Very light to light rainfall/thundershower is forecasted for tomorrow and Saturday and dry weather is forecasted for other 2days in the block. The day temperature will be 31-34°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-89% and 17-36% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	21/03/2023	22/03/2023	23/03/2023	24/03/2023	25/03/2023
Rainfall (mm)	22	2	0	0	8
T-Max (°C)	31	31	33	34	34
T-Min (°C)	23	25	23	24	26
Cloud Cover (octa)	3	3	1	1	4
RH Max (%)	84	70	76	89	74
RH Min (%)	36	33	17	18	31
Wind Speed (kmph)	10	9	11	14	14
Wind Direction (deg)	203	214	180	180	207

Crop specific Agro-met Advisory

SummerRice (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 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/Barinjal:

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.-384
Date- 21/03/2023

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 2 mm and district received average 3.4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C (-5 from normal) and 28.8°C (-0.8 from normal), respectively. The mean relative humidity was 63-79%.

Forecasted period: Today(8.30IST) to 26th March(8.30IST)2023

Weather advisory: Moderate rainfall/Thundershower is forecasted on Today and Very light to light rainfall/thundershower is forecasted for tomorrow and Saturday and dry weather is forecasted for other 2 days in the block. The day temperature will be 32-35°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-83% and 17-35% 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	21/03/2023	22/03/2023	23/03/2023	24/03/2023	25/03/2023
Rainfall(mm)	16	2	0	0	5
T-Max(°C)	32	32	33	35	35
T-Min(°C)	22	24	22	23	24
Cloud Cover(octa)	2	3	1	1	4
RH Max (%)	83	64	74	83	74
RH Min (%)	35	30	17	18	31
Wind Speed (Kmph)	9	8	9	12	13
Wind Direction (deg)	225	270	198	171	212

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 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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Bulletin No.-384
Date- 21/03/2023

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 3.4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C (-5 from normal) and 28.8°C (-0.8 from normal), respectively. The mean relative humidity was 63-79%.

Forecasted period: Today(8.30IST) to 26thMarch(8.30IST)2023

Weather advisory: *Moderate rainfall/Thundershower is forecasted on Today and Very light to light rainfall/thundershower is forecasted for tomorrow and Saturday and dry weather is forecasted for other 2 days in the block.* The day temperature will be 32-34°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-87% and 18-36% 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	21/03/2023	22/03/2023	23/03/2023	24/03/2023	25/03/2023
Rainfall(mm)	15	1	0	0	4
T-Max(°C)	32	32	33	34	34
T-Min(°C)	22	24	23	24	25
Cloud Cover(octa)	2	3	1	0	4
RH Max (%)	83	67	75	87	75
RH Min (%)	36	31	18	20	32
Wind Speed (Kmph)	11	10	10	14	15
Wind Direction (deg)	203	214	210	199	207

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 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.-384
Date- 21/03/2023

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPADA

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

The block received average 1 mm and district received average 3.4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C (-5 from normal) and 28.8°C (-0.8 from normal), respectively. The mean relative humidity was 63-79%.

Forecasted period: Today(8.30IST) to 26th March(8.30IST)2023

Weather Advisory: Moderate rainfall/Thundershower is forecasted on Today and Very light to light rainfall/thundershower is forecasted for tomorrow and Saturday and dry weather is forecasted for other 2 days in the block. The day temperature will be 32-34°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-88% and 18-36% 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	21/03/2023	22/03/2023	23/03/2023	24/03/2023	25/03/2023
Rainfall(mm)	15	1	0	0	5
T-Max(°C)	32	32	33	34	34
T-Min(°C)	22	24	23	24	25
Cloud Cover(octa)	2	2	1	0	4
RH Max (%)	83	68	75	88	75
RH Min (%)	36	31	18	20	32
Wind Speed (Kmph)	11	10	10	14	15
Wind Direction (deg)	203	214	210	199	207

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.-384
Date- 21/03/2023

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 4 mm and district received average 3.4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C (-5 from normal) and 28.8°C (-0.8 from normal), respectively. The mean relative humidity was 63-79%.

Forecasted period: Today(8.30IST) to 26thMarch(8.30IST)2023

Weatheradvisory: *Moderate rainfall/Thundershower is forecasted on Today and Very light to light rainfall/thundershower is forecasted for tomorrow and Saturday and dry weather is forecasted for other 2days in the block.* The day temperature will be 31-33°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-93% and 19-34% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Baranga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	21/03/2023	22/03/2023	23/03/2023	24/03/2023	25/03/2023
Rainfall(mm)	20	1	0	0	4
T-Max(°C)	32	31	33	33	32
T-Min(°C)	23	24	24	24	26
Cloud Cover	2	2	1	0	4
RH Max (%)	87	71	80	93	77
RH Min (%)	34	33	19	25	33
Wind Speed (Kmph)	13	10	12	16	16
Wind Direction (deg)	204	236	200	203	203

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 bore** 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 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.-384
Date- 21/03/2023

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 3 mm and district received average 3.4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C (-5 from normal) and 28.8°C (-0.8 from normal), respectively. The mean relative humidity was 63-79%.

Forecasted period: Today(8.30IST) to 26thMarch(8.30IST)2023

Weather advisory: *Moderate rainfall/Thundershower is forecasted on Today and Very light to light rainfall/thundershower is forecasted for tomorrow and Saturday and dry weather is forecasted for other 2 days in the block.* The day temperature will be 31-33°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-93% and 16-33% 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	21/03/2023	22/03/2023	23/03/2023	24/03/2023	25/03/2023
Rainfall(mm)	24	2	0	0	5
T-Max(°C)	32	31	33	33	33
T-Min(°C)	23	25	24	24	26
Cloud Cover(octa)	3	2	1	1	4
RH Max (%)	86	73	79	93	79
RH Min (%)	33	33	16	21	31
Wind Speed (Kmph)	11	9	12	15	15
Wind Direction (deg)	203	214	195	193	206

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 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.-384
Date- 21/03/2023

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 2 mm and district received average 3.4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C (-5 from normal) and 28.8°C (-0.8 from normal), respectively. The mean relative humidity was 63-79%.

Forecasted period: Today(8.30IST) to 26th March(8.30IST)2023

Weather advisory: Moderate rainfall/Thundershower is forecasted on Today and Very light to light rainfall/thundershower is forecasted for tomorrow and Saturday and dry weather is forecasted for other 2 days in the block. The day temperature will be 31-33°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-93% and 23-38% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	21/03/2023	22/03/2023	23/03/2023	24/03/2023	25/03/2023
Rainfall(mm)	14	1	0	0	3
T-Max(°C)	32	31	33	32	32
T-Min(°C)	23	24	24	24	26
Cloud Cover(octa)	2	2	1	0	4
RH Max (%)	87	75	84	93	78
RH Min (%)	38	34	23	33	35
Wind Speed (Kmph)	14	11	13	17	16
Wind Direction (deg)	203	225	203	203	201

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 deg 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 Stemphylium blight** disease incidence in onion crop. To manage purple blotch and Stemphylium 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.-384
Date- 21/03/2023

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 3 mm and district received average 3.4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C (-5 from normal) and 28.8°C (-0.8 from normal), respectively. The mean relative humidity was 63-79%.

Forecasted period: Today(8.30IST) to 26th March(8.30IST)2023

Weather advisory: Moderate rainfall/Thundershower is forecasted on Today and Very light to light rainfall/thundershower is forecasted for tomorrow and Saturday and dry weather is forecasted for other 2 days in the block. The day temperature will be and it will be 31-33°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-96% and 18-40% 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	21/03/2023	22/03/2023	23/03/2023	24/03/2023	25/03/2023
Rainfall(mm)	23	2	0	0	6
T-Max(°C)	31	32	33	33	33
T-Min(°C)	22	24	23	23	25
Cloud Cover(octal)	3	3	0	1	3
RH Max (%)	88	78	86	96	83
RH Min (%)	40	34	18	27	33
Wind Speed (Kmph)	10	9	13	15	15
Wind Direction (deg)	203	216	195	198	207

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 deg 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.-384
Date- 21/03/2023

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 11 mm and district received average 3.4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C (-5 from normal) and 28.8°C (-0.8 from normal), respectively. The mean relative humidity was 63-79%.

Forecasted period: Today(8.30IST) to 26th March(8.30IST)2023

Weatheradvisory:: Moderate rainfall/Thundershower is forecasted on Today and Very light to light rainfall/thundershower is forecasted for tomorrow and Saturday and dry weather is forecasted for other 2days in the block. The day temperature will be 33-36°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-81% and 15-29% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	21/03/2023	22/03/2023	23/03/2023	24/03/2023	25/03/2023
Rainfall(mm)	19	3	0	0	4
T-Max(°C)	34	33	33	37	36
T-Min(°C)	21	23	21	22	22
Cloud Cover(octa)	2	3	1	2	4
RH Max (%)	81	58	69	79	78
RH Min (%)	29	27	15	15	29
Wind Speed (Kmph)	5	6	7	8	9
Wind Direction (deg)	255	270	195	163	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.

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.-384
Date- 21/03/2023

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 1mm and district received average 3.4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C (-5 from normal) and 28.8°C (-0.8 from normal), respectively. The mean relative humidity was 63-79%.

Forecasted period: Today(8.30IST) to 26th March(8.30IST)2023

Weather advisory: Moderate rainfall/Thundershower is forecasted on Today and Very light to light rainfall/thundershower is forecasted for tomorrow and Saturday and dry weather is forecasted for other 2days in the block. The day temperature will be 31-32°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-91% and 27-43% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	21/03/2023	22/03/2023	23/03/2023	24/03/2023	25/03/2023
Rainfall(mm)	13	1	0	0	3
T-Max(°C)	31	32	33	32	32
T-Min(°C)	23	24	24	24	26
Cloud Cover(octa)	2	2	1	0	4
RH Max (%)	85	78	86	91	79
RH Min (%)	43	36	27	40	39
Wind Speed(Kmph)	16	12	14	18	16
Wind Direction(deg)	204	212	204	203	203

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 bore** 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
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Bulletin No.-384
Date- 21/03/2023

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

The block received average 4 mm and district received average 3.4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C (-5 from normal) and 28.8°C (-0.8 from normal), respectively. The mean relative humidity was 63-79%.

Forecasted period: Today(8.30IST) to 26thMarch(8.30IST)2023

Weather advisory: *Moderate rainfall/Thundershower is forecasted on Today and Very light to light rainfall/thundershower is forecasted for tomorrow and Saturday and dry weather is forecasted for other 2 days in the block.* The day temperature will be 32-33°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-96% and 19-40% 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	21/03/2023	22/03/2023	23/03/2023	24/03/2023	25/03/2023
Rainfall(mm)	24	2	0	0	4
T-Max(°C)	32	32	33	33	32
T-Min(°C)	22	24	24	24	25
Cloud Cover(octa)	3	3	1	0	3
RH Max (%)	87	76	86	96	84
RH Min (%)	40	35	19	30	33
Wind Speed (Kmph)	12	9	13	16	16
Wind Direction (deg)	199	225	200	201	207

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 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.-384
Date- 21/03/2023

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 4 mm and district received average 3.4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C (-5 from normal) and 28.8°C (-0.8 from normal), respectively. The mean relative humidity was 63-79%.

Forecasted period: Today(8.30IST) to 26th March(8.30IST)2023

Weather advisory: *Moderate rainfall/Thundershower is forecasted on Today and Very light to light rainfall/thundershower is forecasted for tomorrow and Saturday and dry weather is forecasted for other 2days in the block.* The day temperature will be 31-33°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-95% and 18-39% 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	21/03/2023	22/03/2023	23/03/2023	24/03/2023	25/03/2023
Rainfall(mm)	24	2	0	0	4
T-Max(°C)	32	31	33	33	33
T-Min(°C)	22	24	24	24	25
Cloud Cover(octa)	3	3	1	0	3
RH Max (%)	88	76	85	95	84
RH Min (%)	39	34	18	28	33
Wind Speed (Kmph)	12	9	13	15	16
Wind Direction (deg)	199	225	200	198	207

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.-384
Date- 21/03/2023

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 2.4 mm and district received average 3.4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C (-5 from normal) and 28.8°C (-0.8 from normal), respectively. The mean relative humidity was 63-79%.

Forecasted period: Today(8.30IST) to 26th March(8.30IST)2023

Weather advisory: Moderate rainfall/Thundershower is forecasted on Today and Very light to light rainfall/thundershower is forecasted for tomorrow and Saturday and dry weather is forecasted for other 2 days in the block. The day temperature will be 32-35°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-91% and 35-53% 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	21/03/2023	22/03/2023	23/03/2023	24/03/2023	25/03/2023
Rainfall(mm)	20	2	0	0	7
T-Max(°C)	32	34	35	33	34
T-Min(°C)	25	26	25	25	26
Cloud Cover(octa)	2	1	1	0	3
RH Max (%)	82	80	89	91	85
RH Min (%)	53	44	35	51	47
Wind Speed (Kmph)	17	16	16	19	19
Wind Direction (deg)	207	225	203	203	207

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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 advisories in local language and DAMINI
 APP for Lightening alert in your area



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Bulletin No.-384
Date- 21/03/2023

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 5mm and district received average 3.4 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C (-5 from normal) and 28.8°C (-0.8 from normal), respectively. The mean relative humidity was 63-79%.

Forecasted period: Today(8.30IST) to 26th March(8.30IST)2023

Weatheradvisory: *Moderate rainfall/Thundershower is forecasted on Today and Very light to light rainfall/thundershower is forecasted for tomorrow and Saturday and dry weather is forecasted for other 2days in the block.* The day temperature will be 31-34°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-87% and 17-37% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	21/03/2023	22/03/2023	23/03/2023	24/03/2023	25/03/2023
Rainfall(mm)	24	3	0	0	8
T-Max(°C)	31	31	33	34	34
T-Min(°C)	22	24	23	24	25
Cloud Cover(octa)	3	3	1	1	4
RH Max (%)	84	68	76	87	74
RH Min (%)	37	34	17	18	31
Wind Speed (Kmph)	10	8	10	13	13
Wind Direction (deg)	180	214	180	171	207

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.

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

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

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

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