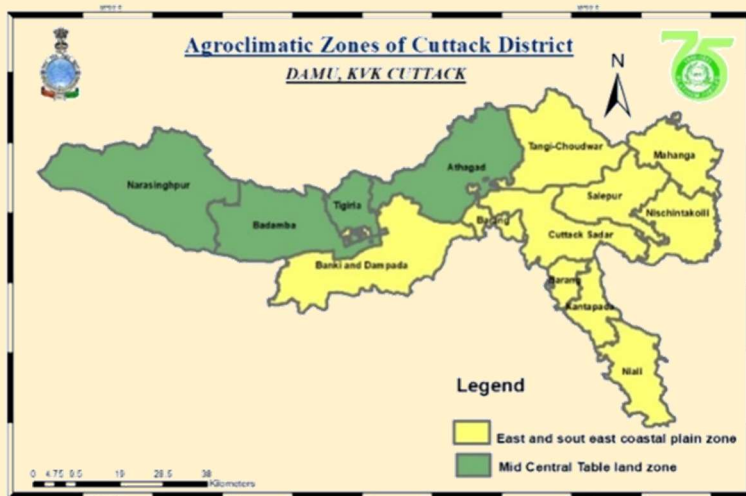




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Tuesday, 11th October, 2022
(For the period 11th to 15th
October, 2022)*



*Issued by
District Agromet Unit,
KrishiVigyan Kendra Cuttack*



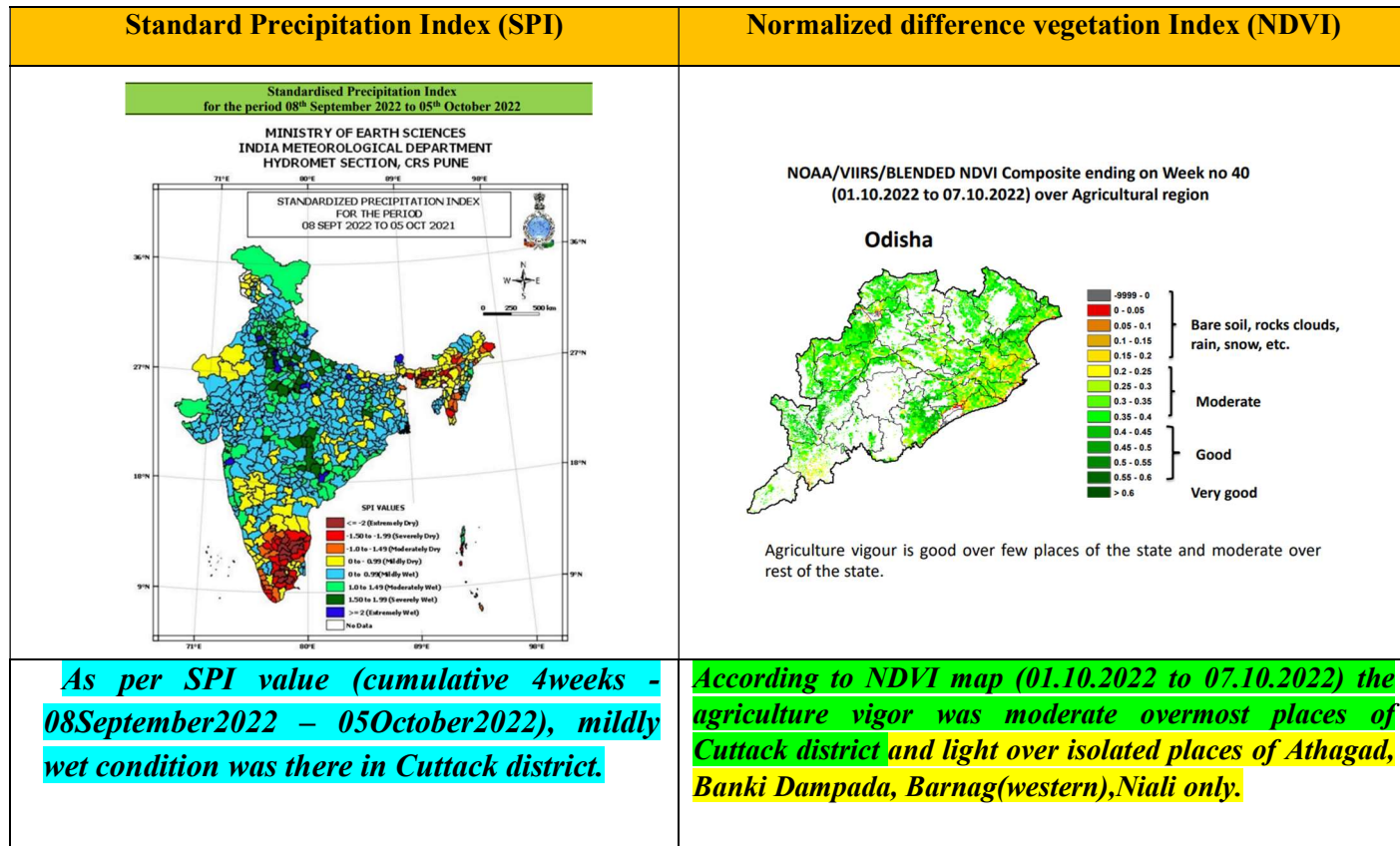


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Bulletin No.-338
Date- 11/10/2022

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

Dr Sujata Sethy
(Nodal officer)



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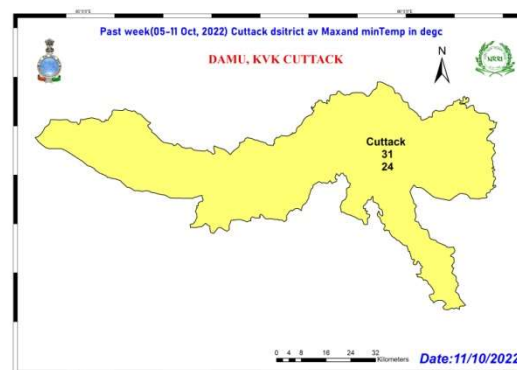
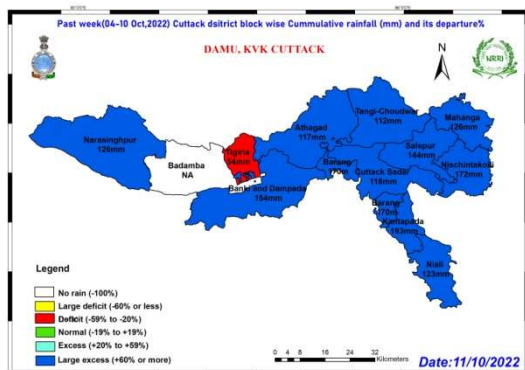


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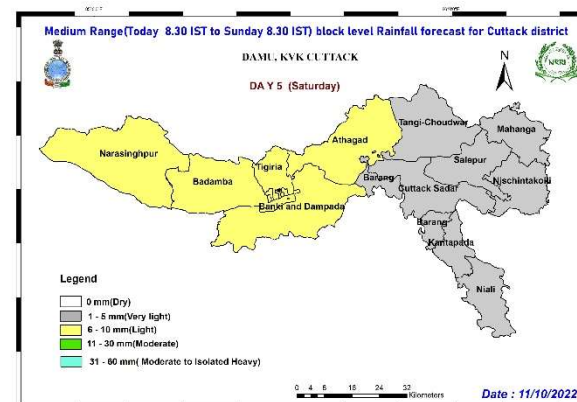
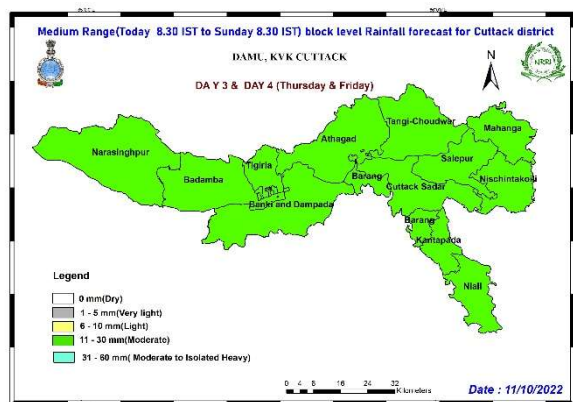
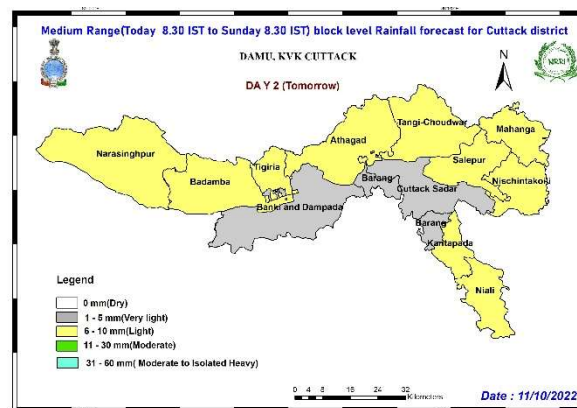
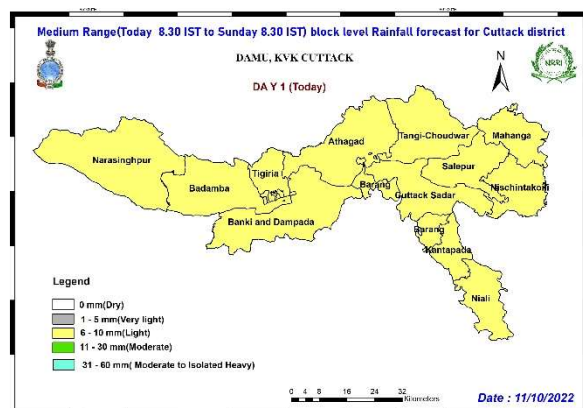


Bulletin No.-338
Date- 11/10/2022

Past week (04-10 Oct, 2022) cumulative rainfall departure% from normal and (05-11 Oct, 2022) average maximum and minimum temperature 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.-338
Date- 11/10/2022

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (16-22 October 2022)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	-5.43	Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	0.00	Normal
	Minimum temperature	0.13	Normal

General Agromet Advisory:- There will be **normal rainfall is forecasted in subsequent week after 5 days in Odisha condition**, so farmers are advised to complete sowing and transplanting of pre rabi vegetables in the subsequent week by utilizing the rain water and should make proper drainage system to drainout excess water from vegetable field.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-338
Date- 11/10/2022

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

Sl No	Crop	Stage and condition of the crop	Anticipated Disease and pest	
1	Rice	Panicle initiation to Flowering		Stem/Foot rot
				Brown plant hopper
				Green horn caterpillar
				Gall midge
				Gundhi bug
				Neck Blast
2	Sugarcane	7-8 month old		Mealy bug
				Scales
				White fly
				Top rot
3	Maize	Cob initiation		Aphid/thrips

Dr Sujata Sethy
 (Nodal officer)



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				Stem borer
				Tobacco caterpillar
4	Vegetables			Aphid
				Leaf hopper
				White fly
	Brinjal	Transplanting		Wilt
	Okra	Fruting		Fruit and shoot borer
	Unseasonal Cauliflower	Seedling		Damping off
	Cucurbits			Downy mildew
				Stem rot
				Leaf spot
5	Banana			Sigatoka
				Panama wilt

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Bulletin No.-338
Date- 11/10/2022

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 17mm and district received average 19mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.5°C (-2.3) and 24°C (+0.7), respectively. The mean relative humidity was 92-94%.

Forecasted period: Today(8.30IST) to 16th October(8.30IST)2022

Weather advisory: Moderate rainfall /Thundershower is forecasted for Thursday and Friday and very light to light rainfall/Thundershower is forecasted for other 3 days in the block. The day temperature will be 32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 93-95% and 59-67% 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	11/10/2022	12/10/2022	13/10/2022	14/10/2022	15/10/2022
Rainfall (mm)	6	7	12	16	7
T-Max (°C)	32	32	32	32	32
T-Min (°C)	24	25	25	24	24
Cloud Cover (octa)	6	8	8	7	6
RH Max (%)	95	93	95	93	94
RH Min (%)	67	61	61	64	59
Wind Speed (kmph)	10	6	6	7	6
Wind Direction (deg)	204	225	180	167	146

Agromet Advisory

General advisory:

As good amount of rainfall was realized in past week so farmers should start sowing of pre rabi vegetables like Cauliflower, Cabbage, Carrot, Radish etc and should go for plant protection measures by following nowcast warnings (Except Thursday and Friday).

Kharif Rice

Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.

Weather based Disease and pest of rice

- **Past cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **blast disease** in rice if the infestation will happen, to control blast disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or Carbendazim 50 WP @ 2g/litre of water.
- If **Brown Plant Hopper (BPH) infestation** will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.
- **Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water. There was green horn caterpillar was reported over some places, to control these pest apply profenophos 50% EC 2ml/l or indoxacarb 15.8% EC 0.4 ml/l water.**

Maize:

- Maize is at cob initiation stage. **Maintain proper drainage channel in the field.** There may be **Aphids and Thrips** infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. To control **stem borer** apply fipronil 5SC 400ml/acre in 200 litre water. There may be chances of **tobacco caterpillar** in maize in between temperature 15-35 °C. To control the pest apply Thiodicarb 75% WP 400gram/acre in 200 liter water.
- **VEGETABLES:**
- For sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed. To control **fruit and shoot borer** in Okra remove and burn all the infected plant parts. Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water or Emamectin benzoate @ 60 gm or spinosad @ 70 ml per acre. **After rainfall there may be chances of wilting in Brinjal and damping off dis in unseasonal cauliflower.** To prevent from **wilting or partial wilting in brinjal** apply Neem or Karanjaa cake. And spray (basal + foliar) Tebuconazole fungicide @ 1ml/litre. To avoid **damping off** in cauliflower seed treatment should be done with Carboxin 37.5% + Thiram 37.5% @ 2g/kg seeds. If the disease appear in nursery then drench the nursery soil with Metalaxyl 8% + Mancozeb 64% WP @ 2g/litre of water in a sunny days. Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases after rainfall.**
- **Fruits:**
Banana Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease** in banana. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for **panama wilt of Banana disease.** Past weather conditions are favourable for the incidence of foot rot in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

• **Animal husbandry:**

Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-338
Date- 11/10/2022

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The district received average 19mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.5°C (-2.3) and 24°C (+0.7), respectively. The mean relative humidity was 92-94%.

Forecasted period: Today(8.30IST) to 16th October(8.30IST)2022

Weather advisory: Moderate rainfall /Thundershower is forecasted for Thursday and Friday and very light to light rainfall/Thundershower is forecasted for other 3 days in the block. The day temperature will be 31-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-96% and 58-64% 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	11/10/2022	12/10/2022	13/10/2022	14/10/2022	15/10/2022
Rainfall(mm)	6	7	11	12	7
T-Max(°C)	32	31	32	32	32
T-Min(°C)	24	25	25	24	24
Cloud Cover(octa)	6	8	8	7	5
RH Max (%)	96	90	94	95	95
RH Min (%)	64	64	62	63	58
Wind Speed (Kmph)	9	5	5	6	5
Wind Direction (deg)	180	216	180	193	120

Agromet Advisory

General advisory:

As good amount of rainfall was realized in past week so farmers should start sowing of pre rabi vegetables like Cauliflower, Cabbage, Carrot, Radish etc and should go for plant protection measures by following nowcast warnings(Except Thursday and Friday).

Kharif Rice

Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.

Weather based Disease and pest of rice

- **Past cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **blast disease** in rice if the infestation will happen, to control blast disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or Carbendazim 50 WP @ 2g/litre of water.
- If **Brown Plant Hopper (BPH) infestation** will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.
- **Chances of gundhi bug incidence for crop at flowering stage.** If observe spray Ethofenprox 10% EC @ 1 ml/litre of water. There was **green horn caterpillar** was reported over some places, to control these pest apply profenophos 50% EC 2ml/l or indoxacarb 15.8% EC 0.4 ml/l water.

Maize:

- Maize is at cob initiation stage. **Maintain proper drainage channel in the field.** There may be **Aphids and Thrips** infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200 liter water for one acre. To control **stem borer** apply fipronil 5SC 400ml/acre in 200 liter water. There may be chances of **tobacco caterpillar** in maize in between temperature 15-35 °C. To control the pest apply Thiodicarb 75% WP 400gram/acre in 200 liter water.

• VEGETABLES:

- For sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed. To control **fruit and shoot borer** in Okra remove and burn all the infected plant parts.. Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water or Emamectin benzoate @ 60 gm or spinosad @ 70 ml per acre. **After rainfall there may be chances of wilting in Brinjal and damping off in unseasonal cauliflower.** To prevent from **wilting or partial wilting in brinjal** apply Neem or Karanjaa cake. And spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter. To avoid **damping off** in cauliflower seed treatment should be done with Carboxin 37.5% + Thiram 37.5% @ 2g/kg seeds. If the disease appear in nursery then drench the nursery soil with Metalaxyl 8% + Mancozeb 64% WP @ 2g/litre of water in a sunny days. Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases after rainfall.**

• Fruits:

Banana Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease** in banana. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for **panama wilt of Banana disease.** Past weather conditions are favourable for the incidence of **foot rot in Papaya.** To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

• Animal husbandry:

Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-338
Date- 11/10/2022

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 19mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.5°C (-2.3) and 24°C (+0.7), respectively. The mean relative humidity was 92-94%.

Forecasted period: Today(8.30IST) to 16th October(8.30IST)2022

Weather advisory: *Moderate rainfall /Thundershower is forecasted for Thursday and Friday and very light to light rainfall/Thundershower is forecasted for other 3 days in the block.* The day temperature will be 32-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 91-94% and 59-64% 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	11/10/2022	12/10/2022	13/10/2022	14/10/2022	15/10/2022
Rainfall(mm)	7	4	12	15	6
T-Max(°C)	32	32	33	32	32
T-Min(°C)	24	25	25	24	24
Cloud Cover(octa)	6	8	8	7	6
RH Max (%)	94	91	93	93	94
RH Min (%)	64	60	59	63	59
Wind Speed (Kmph)	10	7	6	6	6
Wind Direction (deg)	204	212	193	191	124

Agromet Advisory

General advisory:

As good amount of rainfall was realized in past week so farmers should start sowing of pre rabi vegetables like Cauliflower, Cabbage, Carrot, Radish etc and should go for plant protection measures by following nowcast warnings(Except Thursday and Friday).

Kharif Rice

Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.

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- **Past cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **blast disease** in rice if the infestation will happen, to control **blast disease** spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or Carbendazim 50 WP @ 2g/litre of water.
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• **VEGETABLES:**

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• **Animal husbandry:**

- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

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(Nodal officer)



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Bulletin No.-338
Date- 11/10/2022

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPADA

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

The block received average 22mm and district received average 19mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.5°C (-2.3) and 24°C (+0.7), respectively. The mean relative humidity was 92-94%.

Forecasted period: Today(8.30IST) to 16th October(8.30IST)2022

Weather Advisory:: Moderate rainfall /Thundershower is forecasted for Thursday and Friday and very light to light rainfall/Thundershower is forecasted for other 3 days in the block. The day temperature will be 32-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 92-94% and 59-65% 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	11/10/2022	12/10/2022	13/10/2022	14/10/2022	15/10/2022
Rainfall(mm)	7	5	11	15	7
T-Max(°C)	32	32	33	32	32
T-Min(°C)	24	25	25	24	24
Cloud Cover(octa)	6	8	8	7	6
RH Max (%)	94	92	93	93	94
RH Min (%)	65	60	59	64	59
Wind Speed (Kmph)	10	7	6	6	6
Wind Direction (deg)	204	212	193	191	124

Agromet Advisory

General advisory:

As good amount of rainfall was realized in past week so farmers should start sowing of pre rabi vegetables like Cauliflower, Cabbage, Carrot, Radish etc and should go for plant protection measures by following nowcast warnings(Except Thursday and Friday).

Kharif Rice

Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.

Weather based Disease and pest of rice

- **Past cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **blast disease** in rice if the infestation will happen, to control **blast disease** spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or Carbendazim 50 WP @ 2g/litre of water.
- If **Brown Plant Hopper (BPH) infestation** will observe in rice, go for alternate wetting and drying. Make a gape after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.
- **Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water. There was green horn caterpillar was reported over some places, to control these pest apply profenophose 50% EC 2ml/l or indoxacarb 15.8% EC 0.4 ml/l water.**

Maize:

- Maize is at cob initiation stage. **Maintain proper drainage channel in the field.** There may be **Aphids and Thrips** infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200 liter water for one acre. To control **stem borer** apply fipronil 5SC 400ml/acre in 200 liter water. There may be chances of **tobacco caterpillar** in maize in between temperature 15-35 °C. To control the pest apply Thiodicarb 75% WP 400gram/acre in 200 liter water.

• VEGETABLES:

- For sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed. To control **fruit and shoot borer** in Okra remove and burn all the infected plant parts.. Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water or Emamectin benzoate @ 60 gm or spinosad @ 70 ml per acre. **After rainfall there may be chances of wilting in Brinjal and damping off in unseasonal cauliflower.** To prevent from **wilting or partial wilting in brinjal** apply Neem or Karanjaa cake. And spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter. To avoid **damping off** in cauliflower seed treatment should be done with Carboxin 37.5% + Thiram 37.5% @ 2g/kg seeds. If the disease appear in nursery then drench the nursery soil with Metalaxyl 8% + Mancozeb 64% WP @ 2g/litre of water in a sunny days. Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases after rainfall.**

• Fruits:

Banana Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease** in banana. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for **panama wilt of Banana disease.** Past weather conditions are favourable for the incidence of **foot rot in Papaya.** To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

• Animal husbandry:

- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-338
Date- 11/10/2022

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 24mm and district received average 19mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.5°C (-2.3) and 24°C (+0.7), respectively. The mean relative humidity was 92-94%.

Forecasted period: Today(8.30IST) to 16th October(8.30IST)2022

Weather advisory: Moderate rainfall /Thundershower is forecasted for Thursday and Friday and very light to light rainfall/Thundershower is forecasted for other 3 days in the block. The day temperature will be 32-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-95% and 61-67% 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	11/10/2022	12/10/2022	13/10/2022	14/10/2022	15/10/2022
Rainfall(mm)	6	5	11	14	5
T-Max(°C)	33	33	32	32	32
T-Min(°C)	25	25	25	24	25
Cloud Cover	5	8	7	6	6
RH Max (%)	94	95	95	89	93
RH Min (%)	67	61	62	66	61
Wind Speed (Kmph)	10	9	8	6	6
Wind Direction (deg)	203	204	201	203	124

Agromet Advisory

General advisory:

As good amount of rainfall was realized in past week so farmers should start sowing of pre rabi vegetables like Cauliflower, Cabbage, Carrot, Radish etc and should go for plant protection measures by following nowcast warnings(Except Thursday and Friday).

Kharif Rice

Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.

Weather based Disease and pest of rice

- **Past cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **blast disease** in rice if the infestation will happen, to control blast disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or Carbendazim 50 WP @ 2g/litre of water.
- If **Brown Plant Hopper (BPH) infestation** will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.
- **Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water. There was green horn caterpillar was reported over some places, to control these pest apply profenophos 50% EC 2ml/l or indoxacarb 15.8% EC 0.4 ml/l water.**

Maize:

- Maize is at cob initiation stage. **Maintain proper drainage channel in the field.** There may be **Aphids and Thrips** infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre. To control **stem borer** apply fipronil 5SC 400ml/acre in 200 liter water. There may be chances of **tobacco caterpillar** in maize in between temperature 15t-35 °C. To control the pest apply Thiodicarb 75% WP 400gram/acre in 200 liter water.
- **VEGETABLES:**
- For sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed. To control **fruit and shoot borer** in Okra remove and burn all the infected plant parts.. Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water or Emamectin benzoate @ 60 gm or spinosad @ 70 ml per acre. **After rainfall there may be chances of wilting in Brinjal and damping off dis in unseasonal cauliflower.** To prevent from wilting or partial wilting in brinjal apply Neem or Karanjaa cake. And spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter. To avoid **damping off** in cauliflower seed treatment should be done with Carboxin 37.5% + Thiram 37.5% @ 2g/kg seeds. If the disease appear in nursery then drench the nursery soil with Metalaxyl 8% + Mancozeb 64% WP @ 2g/litre of water in a sunny days. Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases after rainfall.**
- **Fruits:**
Banana Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease** in banana. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for **panama wilt of Banana disease.** Past weather conditions are favourable for the incidence of foot rot in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.
- **Animal husbandry:**
- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-338
Date- 11/10/2022

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 17mm and district received average 19mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.5°C (-2.3) and 24°C (+0.7), respectively. The mean relative humidity was 92-94%.

Forecasted period: Today(8.30IST) to 16th October(8.30IST)2022

Weather advisory: *Moderate rainfall /Thundershower is forecasted for Thursday and Friday and very light to light rainfall/Thundershower is forecasted for other 3 days in the block.* The day temperature will be 32°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-95% and 60-67% 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	11/10/2022	12/10/2022	13/10/2022	14/10/2022	15/10/2022
Rainfall(mm)	7	5	15	18	4
T-Max(°C)	32	32	32	32	32
T-Min(°C)	25	25	26	24	25
Cloud Cover(octa)	5	8	7	7	6
RH Max (%)	94	95	95	90	94
RH Min (%)	67	61	61	64	60
Wind Speed (Kmph)	10	8	8	7	6
Wind Direction (deg)	203	207	201	201	158

Agromet Advisory

General advisory:

As good amount of rainfall was realized in past week so farmers should start sowing of pre rabi vegetables like Cauliflower, Cabbage, Carrot, Radish etc and should go for plant protection measures by following nowcast warnings(Except Thursday and Friday).

Kharif Rice

Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.

Weather based Disease and pest of rice

- **Past cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **blast disease** in rice if the infestation will happen, to control blast disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or Carbendazim 50 WP @ 2g/litre of water.
- If **Brown Plant Hopper (BPH) infestation** will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.
- **Chances of gundhi bug incidence for crop at flowering stage.** If observe spray Ethofenprox 10% EC @ 1 ml/litre of water. There was **green horn caterpillar** was reported over some places, to control these pest apply profenophos 50% EC 2ml/l or indoxacarb 15.8% EC 0.4 ml/l water.

Sugarcane:

- Prevailing hot weather favours the infestation of **Mites, Mealy bug, Whitefly and scale insect** in sugarcane. If mites will be found the spray spiromesifen 22.9%SC 1ml/litre of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. To control scale insects apply Dimethoate 2ml/litre water or methyl demeton 2ml/litre water. To control white fly go for spraying of Thiamethoxam 40 gram in 200litre water for one acre. Present weather conditions are congenial for **top rot incidence** in sugarcane. Based on severity of incidence go for spraying with carbendazim @ 1g or mancozeb @ 3 g/l for two times at an interval of 10-15 days.

VEGETABLES:

- For sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed. To control **fruit and shoot borer** in Okra remove and burn all the infected plant parts. Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/litre of water or Emamectin benzoate @ 60 gm or spinosad @ 70 ml per acre. **After rainfall there may be chances of wilting in Brinjal and damping off in unseasonal cauliflower.** To prevent from wilting or partial wilting in brinjal apply Neem or Karanjaa cake. And spray (basal + foliar) Tebuconazole fungicide @ 1ml/litre. To avoid **damping off** in cauliflower seed treatment should be done with Carboxin 37.5% + Thiram 37.5% @ 2g/kg seeds. If the disease appear in nursery then drench the nursery soil with Metalaxyl 8% + Mancozeb 64% WP @ 2g/litre of water in a sunny days. Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 litre water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases after rainfall.**
- **Fruits** Banana Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease** in banana. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2-3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/litre once in a month for **panama wilt of Banana disease.** Past weather conditions are favourable for the incidence of foot rot in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Animal husbandry:

Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-338
Date- 11/10/2022

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 28mm and district received average 19mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.5°C (-2.3) and 24°C (+0.7), respectively. The mean relative humidity was 92-94%.

Forecasted period: Today(8.30IST) to 16th October(8.30IST)2022

Weather advisory: Moderate rainfall /Thundershower is forecasted for Thursday and Friday and very light to light rainfall/Thundershower is forecasted for other 3 days in the block. The day temperature will be 32-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-94% and 63-69% 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	11/10/2022	12/10/2022	13/10/2022	14/10/2022	15/10/2022
Rainfall(mm)	8	6	16	17	5
T-Max(°C)	33	33	32	32	32
T-Min(°C)	25	25	26	25	25
Cloud Cover(octa)	5	8	7	5	6
RH Max (%)	93	94	93	87	93
RH Min (%)	66	64	63	69	63
Wind Speed (Kmph)	10	11	9	7	7
Wind Direction (deg)	204	204	203	203	124

Agromet Advisory

General advisory:

As good amount of rainfall was realized in past week so farmers should start sowing of pre rabi vegetables like Cauliflower, Cabbage, Carrot, Radish etc and should go for plant protection measures by following nowcast warnings(Except Thursday and Friday).

Kharif Rice

Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.

Weather based Disease and pest of rice

- **Past cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **blast disease** in rice if the infestation will happen, to control blast disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or Carbendazim 50 WP @ 2g/litre of water.
- If **Brown Plant Hopper (BPH) infestation** will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.
- **Chances of gundhi bug incidence for crop at flowering stage.** If observe spray Ethofenprox 10% EC @ 1 ml/litre of water. There was **green horn caterpillar** was reported over some places, to control these pest apply profenophos 50% EC 2ml/l or indoxacarb 15.8% EC 0.4 ml/l water.

• **Sugarcane:**

- Prevailing hot weather favours the infestation of **Mites, Mealy bug, Whitefly and scale insect** in sugarcane. If mites will be found the spray spiromesifen 22.9%SC 1ml/litre of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. To control scale insects apply Dimethoate 2ml/litre water or methyl demeton 2ml/litre water. To control white fly go for spraying of Thiamethoxam 40 gram in 200litre water for one acre. Present weather conditions are congenial for **top rot incidence** in sugarcane. Based on severity of incidence go for spraying with carbendazim @ 1g or mancozeb @ 3 g/l for two times at an interval of 10-15 days.

• **VEGETABLES:**

- For sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed. To control **fruit and shoot borer** in Okra remove and burn all the infected plant parts.. Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water or Emamectin benzoate @ 60 gm or spinosad @ 70 ml per acre. **After rainfall there may be chances of wilting in Brinjal and damping off dis in unseasonal cauliflower.** To prevent from **wilting or partial wilting in brinjal** apply Neem or Karanjaa cake. And spray (basal + foliar) Tebuconazole fungicide @ 1ml/litre. To avoid **damping off** in cauliflower seed treatment should be done with Carboxin 37.5% + Thiram 37.5% @ 2g/kg seeds. If the disease appear in nursery then drench the nursery soil with Metalaxyl 8% + Mancozeb 64% WP @ 2g/litre of water in a sunny days. Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 litre water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases after rainfall.**
- **Fruits** Banana Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease** in banana. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for **panama wilt of Banana disease**. Past weather conditions are favourable for the incidence of foot rot in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

• **Animal husbandry:**

Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-338
Date- 11/10/2022

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 18mm and district received average 19mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.5°C (-2.3) and 24°C (+0.7), respectively. The mean relative humidity was 92-94%.

Forecasted period: Today(8.30IST) to 16th October(8.30IST)2022

Weather advisory: Moderate rainfall /Thundershower is forecasted for Thursday and Friday and very light to light rainfall/Thundershower is forecasted for other 3 days in the block. The day temperature will be and it will be 32-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-96% and 60-66% 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	11/10/2022	12/10/2022	13/10/2022	14/10/2022	15/10/2022
Rainfall(mm)	8	8	12	18	5
T-Max(°C)	33	33	32	32	32
T-Min(°C)	25	25	25	24	25
Cloud Cover(octal)	5	8	7	6	6
RH Max (%)	94	96	95	89	95
RH Min (%)	66	63	61	64	60
Wind Speed (Kmph)	11	10	9	7	6
Wind Direction (deg)	207	203	203	203	158

Agromet Advisory

General advisory:

As good amount of rainfall was realized in past week so farmers should start sowing of pre rabi vegetables like Cauliflower, Cabbage, Carrot, Radish etc and should go for plant protection measures by following nowcast warnings(Except Thursday and Friday).

Kharif Rice

Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.

Weather based Disease and pest of rice

- **Past cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **blast disease** in rice if the infestation will happen, to control blast disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or Carbendazim 50 WP @ 2g/litre of water.
- If **Brown Plant Hopper (BPH) infestation** will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.
- **Chances of gundhi bug incidence for crop at flowering stage.** If observe spray Ethofenprox 10% EC @ 1 ml/litre of water. There was **green horn caterpillar** was reported over some places, to control these pest apply profenophos 50% EC 2ml/l or indoxacarb 15.8% EC 0.4 ml/l water.

• **Sugarcane:**

- Prevailing hot weather favours the infestation of **Mites, Mealy bug, Whitefly and scale insect** in sugarcane. If mites will be found the spray spiromesifen 22.9% SC 1ml/litre of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. To control scale insects apply Dimethoate 2ml/litre water or methyl demeton 2ml/litre water. To control white fly go for spraying of Thiamethoxam 40 gram in 200litre water for one acre. Present weather conditions are congenial for **top rot incidence** in sugarcane. Based on severity of incidence go for spraying with carbendazim @ 1g or mancozeb @ 3 g/l for two times at an interval of 10-15 days.

• **VEGETABLES:**

- For sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed. To control **fruit and shoot borer** in Okra remove and burn all the infected plant parts. Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/litre of water or Emamectin benzoate @ 60 gm or spinosad @ 70 ml per acre. **After rainfall there may be chances of wilting in Brinjal and damping off dis in unseasonal cauliflower.** To prevent from **wilting or partial wilting in brinjal** apply Neem or Karanjaa cake. And spray (basal + foliar) Tebuconazole fungicide @ 1ml/litre. To avoid **damping off** in cauliflower seed treatment should be done with Carboxin 37.5% + Thiram 37.5% @ 2g/kg seeds. If the disease appear in nursery then drench the nursery soil with Metalaxyl 8% + Mancozeb 64% WP @ 2g/litre of water in a sunny days. Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 litre water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases after rainfall.**
- **Fruits** Banana Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease** in banana. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for **panama wilt of Banana disease.** Past weather conditions are favourable for the incidence of foot rot in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

• **Animal husbandry:**

Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-338
Date- 11/10/2022

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 18mm and district received average 19mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.5°C (-2.3) and 24°C (+0.7), respectively. The mean relative humidity was 92-94%.

Forecasted period: Today(8.30IST) to 16th October(8.30IST)2022

Weather advisory: Moderate rainfall /Thundershower is forecasted for Thursday and Friday and very light to light rainfall/Thundershower is forecasted for other 3 days in the block. The day temperature will be 30-33°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 91-97% and 55-67% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/10/2022	12/10/2022	13/10/2022	14/10/2022	15/10/2022
Rainfall(mm)	6	7	11	12	7
T-Max(°C)	32	30	32	33	32
T-Min(°C)	23	24	24	23	23
Cloud Cover(octa)	6	8	8	7	5
RH Max (%)	97	91	91	97	96
RH Min (%)	61	67	60	58	55
Wind Speed (Kmph)	7	3	3	4	4
Wind Direction (deg)	180	225	212	198	124

Agromet Advisory

General advisory:

As good amount of rainfall was realized in past week so farmers should start sowing of pre rabi vegetables like Cauliflower, Cabbage, Carrot, Radish etc and should go for plant protection measures by following nowcast warnings (Except Thursday and Friday).

Kharif Rice

Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.

Weather based Disease and pest of rice

- Past cloudy and humid weather and the 20-25°C minimum temperature favors incidence of **blast disease** in rice if the infestation will happen, to control blast disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or Carbendazim 50 WP @ 2g/litre of water.
- If **Brown Plant Hopper (BPH)** infestation will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest. Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.
- Chances of **gundhi bug** incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water. There was **green horn caterpillar** was reported over some places, to control these pest apply profenophos 50% EC 2ml/l or indoxacarb 15.8% EC 0.4 ml/l water.

Maize:

- Maize is at cob initiation stage. Maintain proper drainage channel in the field. There may be **Aphids and Thrips** infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200 liter water for one acre. To control **stem borer** apply fipronil 5SC 400ml/acre in 200 liter water. There may be chances of **tobacco caterpillar** in maize in between temperature 15-35 °C. To control the pest apply Thiodicarb 75% WP 400gram/acre in 200 liter water.

VEGETABLES:

- For sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed. To control **fruit and shoot borer** in Okra remove and burn all the infected plant parts.. Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water or Emamectin benzoate @ 60 gm or spinosad @ 70 ml per acre. After rainfall there may be chances of wilting in Brinjal and damping off in unseasonal cauliflower. To prevent from wilting or partial wilting in brinjal apply Neem or Karanjaa cake. And spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter. To avoid damping off in cauliflower seed treatment should be done with Carboxin 37.5% + Thiram 37.5% @ 2g/kg seeds. If the disease appear in nursery then drench the nursery soil with Metalaxyl 8% + Mancozeb 64% WP @ 2g/litre of water in a sunny days. Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases after rainfall.

Fruits:

Banana Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease** in banana. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease. Past weather conditions are favourable for the incidence of foot rot in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Animal husbandry:

- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-338
Date- 11/10/2022

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 18mm and district received average 19mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.5°C (-2.3) and 24°C (+0.7), respectively. The mean relative humidity was 92-94%.

Forecasted period: Today(8.30IST) to 16th October(8.30IST)2022

Weather advisory: Moderate rainfall /Thundershower is forecasted for Thursday and Friday and very light to light rainfall/Thundershower is forecasted for other 3 days in the block. The day temperature will be 32-33°C and night temperature will be 25°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-93% and 64-68% 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	11/10/2022	12/10/2022	13/10/2022	14/10/2022	15/10/2022
Rainfall(mm)	10	7	18	16	5
T-Max(°C)	33	32	32	32	32
T-Min(°C)	25	25	25	25	25
Cloud Cover(octa)	5	8	6	4	6
RH Max (%)	91	93	90	86	92
RH Min (%)	66	66	66	68	64
Wind Speed(Kmph)	11	12	10	7	7
Wind Direction(deg)	204	204	203	195	124

Agromet Advisory

General advisory:

As good amount of rainfall was realized in past week so farmers should start sowing of pre rabi vegetables like Cauliflower, Cabbage, Carrot, Radish etc and should go for plant protection measures by following nowcast warnings(Except Thursday and Friday).

Kharif Rice

Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.

Weather based Disease and pest of rice

- **Past cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **blast disease** in rice if the infestation will happen, to control blast disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or Carbendazim 50 WP @ 2g/litre of water.
- If **Brown Plant Hopper (BPH)** infestation will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.
- **Chances of gundhi bug incidence for crop at flowering stage.** If observe spray Ethofenprox 10% EC @ 1 ml/litre of water. There was **green horn caterpillar** reported over some places, to control these pest apply profenophos 50% EC 2ml/l or indoxacarb 15.8% EC 0.4 ml/l water.
- **Sugarcane:** Prevailing hot weather favours the infestation of **Mites, Mealy bug, Whitefly and scale insect** in sugarcane. If mites will be found the spray spiromesifen 22.9% SC 1ml/ltr of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre. To control scale insects apply Dimethoate 2ml/ltr water or methyl demeton 2ml/ltr water. To control white fly go for spraying of Thiamethoxam 40 gram in 200ltr water for one acre. Present weather conditions are congenial for **top rot incidence** in sugarcane. Based on severity of incidence go for spraying with carbendazim @ 1g or mancozeb @ 3 g/l for two times at an interval of 10-15 days.
- **VEGETABLES:**
- For sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed. To control **fruit and shoot borer** in Okra remove and burn all the infected plant parts.. Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water or Emamectin benzoate @ 60 gm or spinosad @ 70 ml per acre. **After rainfall there may be chances of wilting in Brinjal and damping off dis in unseasonal cauliflower.** To prevent from wilting or partial wilting in brinjal apply Neem or Karanjaa cake. And spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter. To avoid **damping off** in cauliflower seed treatment should be done with Carboxin 37.5% + Thiram 37.5% @ 2g/kg seeds. If the disease appear in nursery then drench the nursery soil with Metalaxyl 8% + Mancozeb 64% WP @ 2g/litre of water in a sunny days. Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases after rainfall.**
- **Fruits** Banana Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease** in banana. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for **panama wilt of Banana disease**. Past weather conditions are favourable for the incidence of foot rot in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.
- **Animal husbandry:**
- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-338
Date- 11/10/2022

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

The block received average 25mm and district received average 19mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.5°C (-2.3) and 24°C (+0.7), respectively. The mean relative humidity was 92-94%.

Forecasted period: Today(8.30IST) to 16th October(8.30IST)2022

Weather advisory: *Moderate rainfall /Thundershower is forecasted for Thursday and Friday and very light to light rainfall/Thundershower is forecasted for other 3 days in the block.* The day temperature will be 32-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-95% and 60-65% 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	11/10/2022	12/10/2022	13/10/2022	14/10/2022	15/10/2022
Rainfall(mm)	10	7	15	16	5
T-Max(°C)	33	33	32	32	32
T-Min(°C)	25	25	25	24	25
Cloud Cover(octa)	5	8	7	6	6
RH Max (%)	94	95	95	88	94
RH Min (%)	65	64	62	66	60
Wind Speed (Kmph)	11	11	9	7	7
Wind Direction (deg)	207	203	203	203	158

Agromet Advisory

General advisory:

As good amount of rainfall was realized in past week so farmers should start sowing of pre rabi vegetables like Cauliflower, Cabbage, Carrot, Radish etc and should go for plant protection measures by following nowcast warnings(Except Thursday and Friday).

Kharif Rice

Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.

Weather based Disease and pest of rice

- **Past cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **blast disease** in rice if the infestation will happen, to control blast disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or Carbendazim 50 WP @ 2g/litre of water.
- If **Brown Plant Hopper (BPH)** infestation will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.
- **Chances of gundhi bug incidence for crop at flowering stage.** If observe spray Ethofenprox 10% EC @ 1 ml/litre of water. There was **green horn caterpillar** was reported over some places, to control these pest apply profenophos 50% EC 2ml/l or indoxacarb 15.8% EC 0.4 ml/l water.

• **Sugarcane:**

- Prevailing hot weather favours the infestation of **Mites, Mealy bug, Whitefly and scale insect** in sugarcane. If mites will be found the spray spiromesifen 22.9%SC 1ml/litre of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. To control scale insects apply Dimethoate 2ml/litre water or methyl demeton 2ml/litre water. To control white fly go for spraying of Thiamethoxam 40 gram in 200litre water for one acre. Present weather conditions are congenial for **top rot incidence** in sugarcane. Based on severity of incidence go for spraying with carbendazim @ 1g or mancozeb @ 3 g/l for two times at an interval of 10-15 days.

• **VEGETABLES:**

- For sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed. To control **fruit and shoot borer** in Okra remove and burn all the infected plant parts.. Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water or Emamectin benzoate @ 60 gm or spinosad @ 70 ml per acre. **After rainfall there may be chances of wilting in Brinjal and damping off in unseasonal cauliflower.** To prevent from wilting or partial wilting in brinjal apply Neem or Karanjaa cake. And spray (basal + foliar) Tebuconazole fungicide @ 1ml/litre. To avoid **damping off** cauliflower seed treatment should be done with Carboxin 37.5% + Thiram 37.5% @ 2g/kg seeds. If the disease appear in nursery then drench the nursery soil with Metalaxyl 8% + Mancozeb 64% WP @ 2g/litre of water in a sunny days. Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 litre water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases after rainfall.**
- **Fruits** Banana Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease** in banana. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for **panama wilt of Banana disease.** Past weather conditions are favourable for the incidence of foot rot in Papaya. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

• **Animal husbandry:**

Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-338
Date- 11/10/2022

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 21mm and district received average 19mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.5°C (-2.3) and 24°C (+0.7), respectively. The mean relative humidity was 92-94%.

Forecasted period: Today(8.30IST) to 16th October(8.30IST)2022

Weather advisory: Moderate rainfall /Thundershower is forecasted for Thursday and Friday and very light to light rainfall/Thundershower is forecasted for other 3 days in the block. The day temperature will be 32-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-96% and 60-66% 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	11/10/2022	12/10/2022	13/10/2022	14/10/2022	15/10/2022
Rainfall(mm)	8	6	15	14	5
T-Max(°C)	33	33	32	32	32
T-Min(°C)	25	25	25	24	25
Cloud Cover(octa)	5	8	7	6	6
RH Max (%)	94	96	95	89	94
RH Min (%)	66	63	61	65	60
Wind Speed (Kmph)	11	10	9	7	7
Wind Direction (deg)	207	203	201	203	158

Agromet Advisory

General advisory:

As good amount of rainfall was realized in past week so farmers should start sowing of pre rabi vegetables like Cauliflower, Cabbage, Carrot, Radish etc and should go for plant protection measures by following nowcast warnings (Except Thursday and Friday).

Kharif Rice

Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.

Weather based Disease and pest of rice

- Past cloudy and humid weather and the 20-25°C minimum temperature favors incidence of **blast disease** in rice if the infestation will happen, to control blast disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or Carbendazim 50 WP @ 2g/litre of water.
- If **Brown Plant Hopper (BPH)** infestation will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.
- Chances of **gundhi bug** incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water. There was **green horn caterpillar** was reported over some places, to control these pest apply profenophos 50% EC 2ml/l or indoxacarb 15.8% EC 0.4 ml/l water.

Maize:

- Maize is at cob initiation stage. Maintain proper drainage channel in the field. There may be **Aphids and Thrips** infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200 liter water for one acre. To control **stem borer** apply fipronil 5SC 400ml/acre in 200 liter water. There may be chances of **tobacco caterpillar** in maize in between temperature 15-35 °C. To control the pest apply Thiodicarb 75% WP 400gram/acre in 200 liter water.

• VEGETABLES:

- For sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed. To control **fruit and shoot borer** in Okra remove and burn all the infected plant parts.. Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water or Emamectin benzoate @ 60 gm or spinosad @ 70 ml per acre. After rainfall there may be chances of **wilting in Brinjal and damping off in unseasonal cauliflower**. To prevent from **wilting or partial wilting in brinjal** apply Neem or Karanjaa cake. And spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter. To avoid **damping off** in cauliflower seed treatment should be done with Carboxin 37.5% + Thiram 37.5% @ 2g/kg seeds. If the disease appear in nursery then drench the nursery soil with Metalaxyl 8% + Mancozeb 64% WP @ 2g/litre of water in a sunny days. Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases after rainfall**.

• Fruits:

Banana Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease** in banana. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for **panama wilt of Banana disease**. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

• Animal husbandry:

- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-338
Date- 11/10/2022

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 16mm and district received average 19mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.5°C (-2.3) and 24°C (+0.7), respectively. The mean relative humidity was 92-94%.

Forecasted period: Today(8.30IST) to 16th October(8.30IST)2022

Weather advisory: Moderate rainfall /Thundershower is forecasted for Thursday and Friday and very light to light rainfall/Thundershower is forecasted for other 3 days in the block. The day temperature will be 31-32°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-90% and 66-72% 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	11/10/2022	12/10/2022	13/10/2022	14/10/2022	15/10/2022
Rainfall(mm)	6	8	12	16	5
T-Max(°C)	32	31	31	32	32
T-Min(°C)	27	27	27	26	26
Cloud Cover(octa)	5	8	6	4	5
RH Max (%)	86	90	86	83	89
RH Min (%)	66	72	71	67	66
Wind Speed (Kmph)	14	14	11	9	9
Wind Direction (deg)	207	207	203	180	150

Agromet Advisory

General advisory:

As good amount of rainfall was realized in past week so farmers should start sowing of pre rabi vegetables like Cauliflower, Cabbage, Carrot, Radish etc and should go for plant protection measures by following nowcast warnings(Except Thursday and Friday).

Kharif Rice

Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.

Weather based Disease and pest of rice

- Past cloudy and humid weather and the 20-25°C minimum temperature favors incidence of **blast disease** in rice if the infestation will happen, to control blast disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or Carbendazim 50 WP @ 2g/litre of water.
- If **Brown Plant Hopper (BPH)** infestation will observe in rice, go for alternate wetting and drying. Make a gape after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.
- Chances of **gundhi bug** incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water. There was **green horn caterpillar** was reported over some places, to control these pest apply profenophos 50% EC 2ml/l or indoxacarb 15.8% EC 0.4 ml/l water.

Maize:

- Maize is at cob initiation stage. Maintain proper drainage channel in the field. There may be **Aphids and Thrips** infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200 liter water for one acre. To control **stem borer** apply fipronil 5SC 400ml/acre in 200 liter water. There may be chances of **tobacco caterpillar** in maize in between temperature 15-35 °C. To control the pest apply Thiodicarb 75% WP 400gram/acre in 200 liter water.

• VEGETABLES:

- For sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed. To control **fruit and shoot borer** in Okra remove and burn all the infected plant parts.. Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water or Emamectin benzoate @ 60 gm or spinosad @ 70 ml per acre. After rainfall there may be chances of **wilting in Brinjal and damping off in unseasonal cauliflower**. To prevent from wilting or partial wilting in brinjal apply Neem or Karanjaa cake. And spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter. To avoid **damping off** in cauliflower seed treatment should be done with Carboxin 37.5% + Thiram 37.5% @ 2g/kg seeds. If the disease appear in nursery then drench the nursery soil with Metalaxyl 8% + Mancozeb 64% WP @ 2g/litre of water in a sunny days. Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases after rainfall**.

• Fruits:

Banana Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease** in banana. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for **panama wilt of Banana disease**. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

• Animal husbandry:

Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-338
Date- 11/10/2022

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 8mm and district received average 19mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.5°C (-2.3) and 24°C (+0.7), respectively. The mean relative humidity was 92-94%.

Forecasted period: Today(8.30IST) to 16th October(8.30IST)2022

Weather advisory: Moderate rainfall /Thundershower is forecasted for Thursday and Friday and very light to light rainfall/Thundershower is forecasted for other 3 days in the block. The day temperature will be 32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 91-95% and 59-65% 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	11/10/2022	12/10/2022	13/10/2022	14/10/2022	15/10/2022
Rainfall(mm)	6	8	14	14	7
T-Max(°C)	32	32	32	32	32
T-Min(°C)	24	25	25	24	24
Cloud Cover(octa)	6	8	8	7	6
RH Max (%)	95	91	95	94	94
RH Min (%)	65	62	61	64	59
Wind Speed (Kmph)	10	6	5	6	5
Wind Direction (deg)	203	216	180	180	146

Agro met Advisory

General advisory:

As good amount of rainfall was realized in past week so farmers should start sowing of pre rabi vegetables like Cauliflower, Cabbage, Carrot, Radish etc and should go for plant protection measures by following nowcast warnings (Except Thursday and Friday).

Kharif Rice

Maintain about 5-10cm standing water during panicle initiation to flowering stage and drain out excess water.

Weather based Disease and pest of rice

- Past cloudy and humid weather and the 20-25°C minimum temperature favors incidence of **blast disease** in rice if the infestation will happen, to control blast disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or Carbendazim 50 WP @ 2g/litre of water.
- If **Brown Plant Hopper (BPH)** infestation will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest. Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. In case of **Foot rot**, spray the basal portion of the crop with 0.4% mancozeb or 0.2% carbendazim after drying the weather.
- Chances of **gundhi bug** incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water. There was **green horn caterpillar** was reported over some places, to control these pest apply profenophos 50% EC 2ml/l or indoxacarb 15.8% EC 0.4 ml/l water.

Maize:

- Maize is at cob initiation stage. Maintain proper drainage channel in the field. There may be **Aphids and Thrips** infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre. To control **stem borer** apply fipronil 5SC 400ml/acre in 200 liter water. There may be chances of **tobacco caterpillar** in maize in between temperature 15-35 °C. To control the pest apply Thiodicarb 75% WP 400gram/acre in 200 liter water.

• **VEGETABLES:**

- For sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed. To control **fruit and shoot borer** in Okra remove and burn all the infected plant parts. Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water or Emamectin benzoate @ 60 gm or spinosad @ 70 ml per acre. After rainfall there may be chances of wilting in Brinjal and damping off in unseasonal cauliflower. To prevent from wilting or partial wilting in brinjal apply Neem or Karanjaa cake. And spray (basal + foliar) Tebuconazole fungicide @ 1ml/litre. To avoid damping off in cauliflower seed treatment should be done with Carboxin 37.5% + Thiram 37.5% @ 2g/kg seeds. If the disease appear in nursery then drench the nursery soil with Metalaxyl 8% + Mancozeb 64% WP @ 2g/litre of water in a sunny days. Spray 400gm (Metalaxyl + Mancozeb) or 300gm Chlorothalonil in 200 liter water to prevent **bitter gourd and pointed gourd from leaf spot, Stem rot & Downy mildew diseases after rainfall.**

• **Fruits:**

Banana Present weather conditions are favourable for the incidence and spread of **sigatoka leaf spot disease** in banana. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for **panama wilt of Banana disease**. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

• **Animal husbandry:**

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- Kindly install and use **“Meghdoot mobile App”** for Cuttack district weather forecast, warnings and weather based agromet advisory services.

<https://play.google.com/store/apps/details?id=com.aas.meghdoot>

- Kindly install and use **“Damini mobile App”** for location specific for lightening forecast and warnings.

<https://play.google.com/store/apps/details?id=com.lightening.live.damini>

- Follow the **block specific whats app groups** and join in your block wise groups for getting weather based agromet advisory services twice in a week (Tuesday and Friday) and other weather warning based farm management advisories.
- Follow the **Official Website links** to get the weather based agromet advisory service bulletins (**English & Odia**) twice in a week (Tuesday and Friday).

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

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