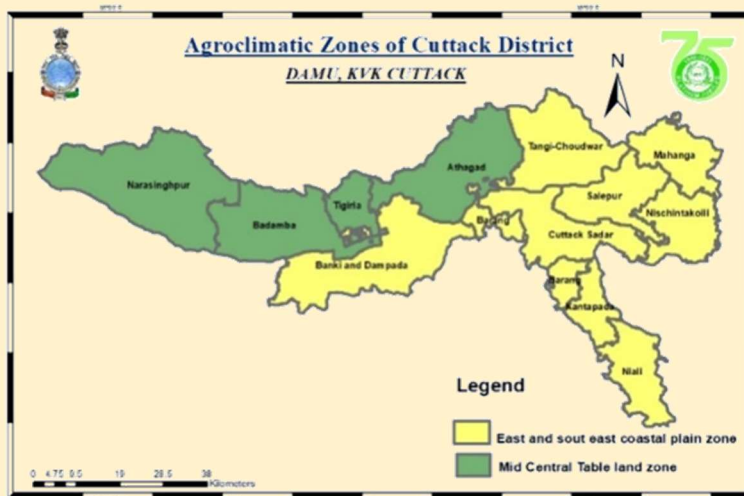




# Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 14<sup>th</sup> October, 2022  
(For the period 14<sup>th</sup> to 18<sup>th</sup>  
October, 2022)*



*Issued by  
District Agromet Unit,  
KrishiVigyan Kendra Cuttack*



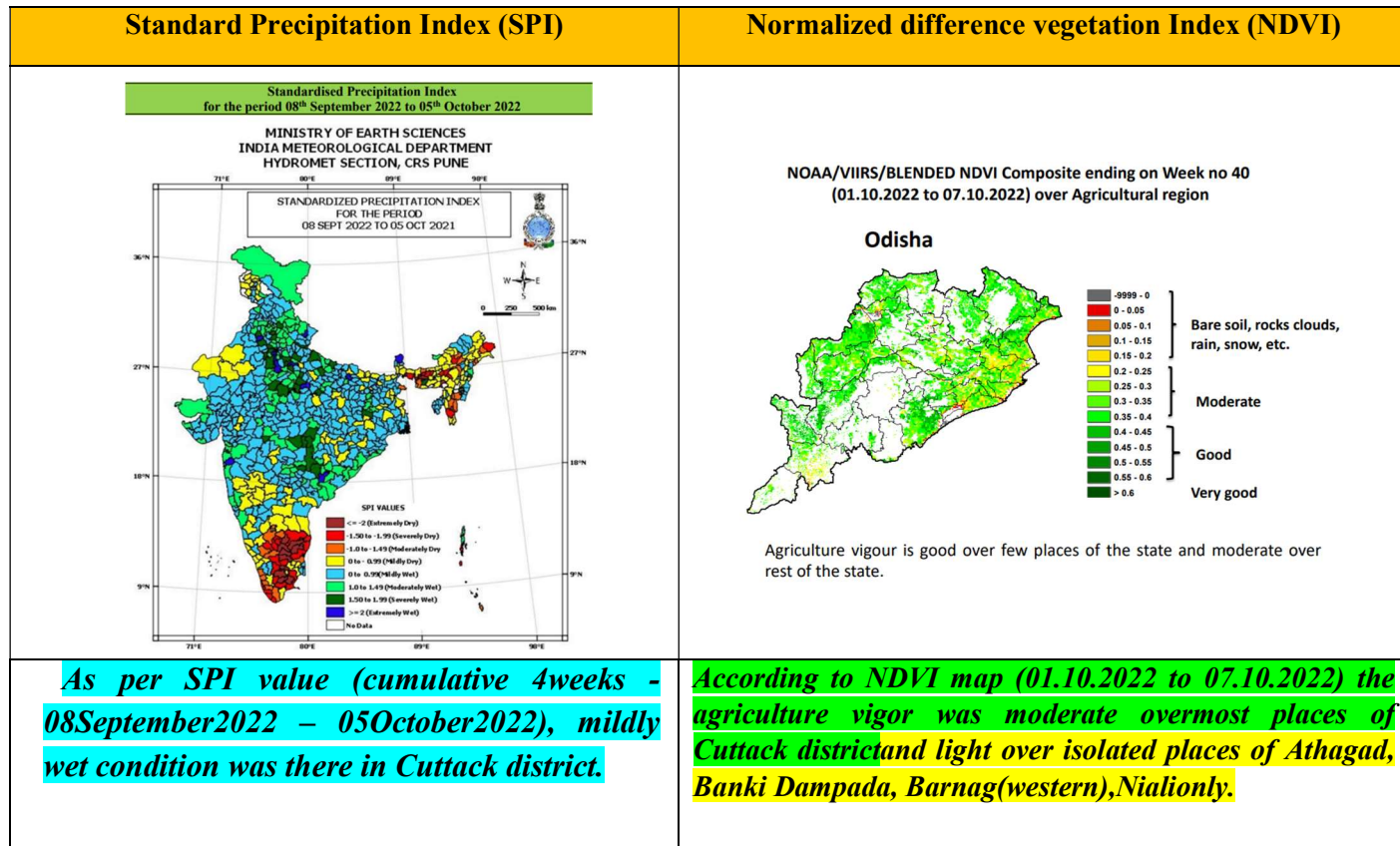


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**Bulletin No.-339**  
**Date- 14/10/2022**

**STANDARD PRECIPITATION INDEX AND NDVI MAP**



<b>LEGEND (Medium range block level rainfall forecast)</b>		
	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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**Debasish Jena**  
**SMS (Agrometeorology)**  
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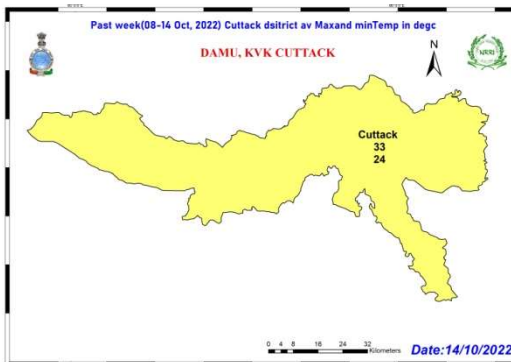
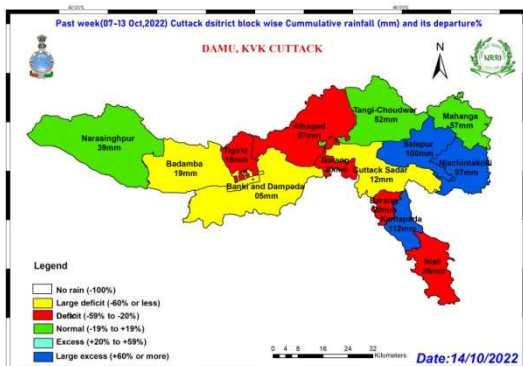


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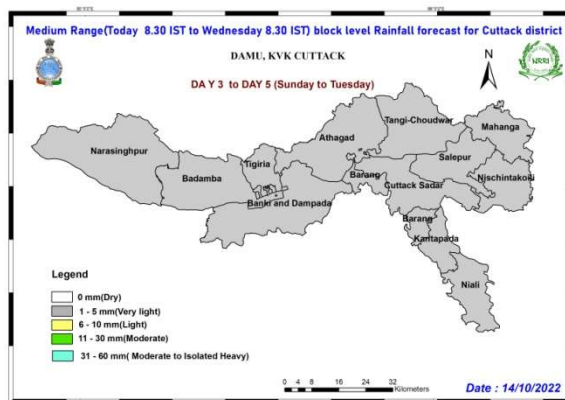
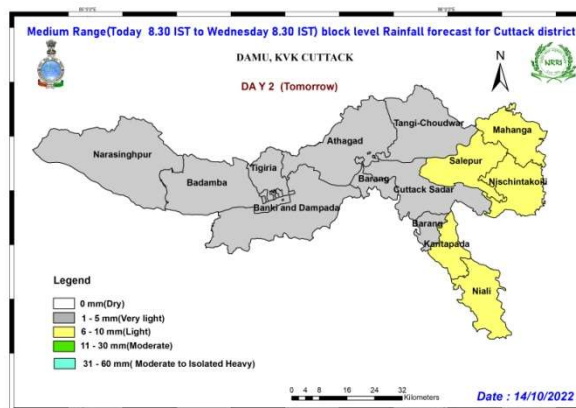
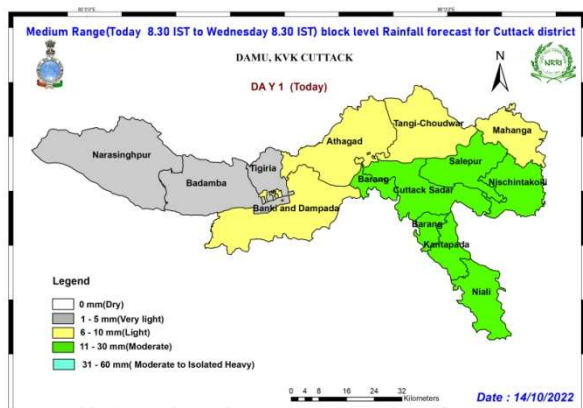


**Bulletin No.-339**  
**Date- 14/10/2022**

**Past week (07-13 Oct, 2022) cumulative rainfall departure% from normal and (08-14 Oct, 2022) average maximum and minimum temperature for Cuttack district**



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



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



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Bulletin No.-339  
 Date- 14/10/2022

Met Sub division	Extended range outlook for subsequent 1 week (6 <sup>th</sup> to 12 <sup>th</sup> days) (19-25 October 2022)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	27.17	Above Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	-0.26	Normal
	Minimum temperature	0.14	Normal

**General Agromet Advisory:-** There will be above normal rainfall is forecasted in subsequent week after 5 days in Odisha condition, so farmers are advised to complete their harvesting of Kharif Maize, Balck and green gram, Groundnut and other kharif vegetables before the subsequent week and should make proper drainage system to drainout excess water from vegetable field and also areadvised to stop irrigation activities in the subsequent week after 5 days..

Dr Sujata Sethy  
 (Nodal officer)



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**Bulletin No.-339**  
**Date- 14/10/2022**

**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

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 (Nodal officer)



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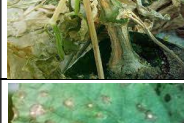



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				<b>Stem borer</b>
				<b>Tobacco caterpillar</b>
4	Vegetables			<b>Aphid</b>
				<b>Leaf hopper</b>
				<b>White fly</b>
	Brinjal	Transplanting		<b>Wilt</b>
	Okra	Fruting		<b>Fruit and shoot borer</b>
	Unseasonal Cauliflower	Seedling		<b>Damping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

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



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**Bulletin No.-339**  
**Date- 14/10/2022**

**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

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

**The block received average 08mm and district received average 06mm rainfall during the last week.** The mean daily maximum and minimum temperature was 32.5°C (-0.38) and 24.4°C (+1.47), respectively. The mean relative humidity was 87-90%.

**Forecasted period: Today(8.30IST) to 19<sup>th</sup> October(8.30IST)2022**

**Weather advisory: Very light to light rainfall /Thundershower is forecasted for upcoming 5 days in the block.** The day temperature will be 31-33°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-95% and 61-68% 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	14/10/2022	15/10/2022	16/10/2022	17/10/2022	18/10/2022
Rainfall (mm)	9	5	2	3	4
T-Max (°C)	33	32	33	33	31
T-Min (°C)	24	25	24	23	23
Cloud Cover (octa)	4	6	6	5	7
RH Max (%)	95	93	92	87	93
RH Min (%)	65	68	65	61	65
Wind Speed (kmph)	7	7	7	8	9
Wind Direction (deg)	34	90	68	75	68

**Agromet Advisory**

**General advisory:**

**Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.**

**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 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.-339**  
**Date- 14/10/2022**

**AGROMET ADVISORY BULLETIN FOR BADAMBA**

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

The block received average 02mm and district received average 06mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.5°C (-0.38) and 24.4°C (+1.47), respectively. The mean relative humidity was 87-90%.

**Forecasted period: Today(8.30IST) to 19<sup>th</sup> October(8.30IST)2022**

**Weather advisory:** *Very light to light rainfall /Thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be 31-32°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-96% and 60-67% 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	14/10/2022	15/10/2022	16/10/2022	17/10/2022	18/10/2022
Rainfall(mm)	5	4	3	2	4
T-Max(°C)	32	32	32	32	31
T-Min(°C)	24	25	23	23	23
Cloud Cover(octa)	4	6	5	4	7
RH Max (%)	96	94	94	85	93
RH Min (%)	64	67	63	60	65
Wind Speed (Kmph)	6	6	6	7	8
Wind Direction (deg)	45	75	117	68	45

**Agromet Advisory**

**General advisory:**

Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.

**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.

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**Bulletin No.-339**  
**Date- 14/10/2022**

**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week average weather condition**

**The district received average 06mm rainfall during the last week.** The mean daily maximum and minimum temperature was 32.5°C (-0.38) and 24.4°C (+1.47), respectively. The mean relative humidity was 87-90%.

**Forecasted period: Today(8.30IST) to 19<sup>th</sup> October(8.30IST)2022**

**Weather advisory:** *Very light to light rainfall /Thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be 31-33°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-95% and 60-67% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Banki(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/10/2022	15/10/2022	16/10/2022	17/10/2022	18/10/2022
Rainfall(mm)	8	3	3	2	3
T-Max(°C)	33	32	33	32	31
T-Min(°C)	24	25	24	23	23
Cloud Cover(octa)	4	6	6	5	7
RH Max (%)	95	93	93	86	93
RH Min (%)	65	67	63	60	65
Wind Speed (Kmph)	7	7	7	8	8
Wind Direction (deg)	34	90	113	75	45

**Agromet Advisory**

**General advisory:**

**Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.**

**Kharif Rice**

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**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.
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**Maize:**

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• **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.-339**  
**Date- 14/10/2022**

**AGROMET ADVISORY BULLETIN FOR BANKI-DAMPADA**

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

The block received average 0.7mm and district received average 06mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.5°C (-0.38) and 24.4°C (+1.47), respectively. The mean relative humidity was 87-90%.

**Forecasted period: Today(8.30IST) to 19<sup>th</sup> October(8.30IST)2022**

**Weather Advisory:** Very light to light rainfall/Thundershower is forecasted for upcoming 5 days in the block. The day temperature will be 31-33°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-95% and 61-67% 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	14/10/2022	15/10/2022	16/10/2022	17/10/2022	18/10/2022
Rainfall(mm)	9	3	3	2	4
T-Max(°C)	33	32	33	32	31
T-Min(°C)	24	25	24	23	23
Cloud Cover(octa)	4	6	6	5	7
RH Max (%)	95	93	93	86	93
RH Min (%)	65	67	64	61	65
Wind Speed (Kmph)	7	7	7	8	9
Wind Direction (deg)	34	90	68	75	30

**Agromet Advisory**

**General advisory:**

Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.

**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.-339**  
**Date- 14/10/2022**

**AGROMET ADVISORY BULLETIN FOR BARANGA**

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

The block received average 3mm and district received average 06mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.5°C (-0.38) and 24.4°C (+1.47), respectively. The mean relative humidity was 87-90%.

**Forecasted period: Today(8.30IST) to 19<sup>th</sup> October(8.30IST)2022**

**Weather advisory:** Moderate rainfall /Thundershower is forecasted for today and very light to light rainfall/Thundershower is forecasted for other 4 days in the block. The day temperature will be 31-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-95% and 62-67% 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	14/10/2022	15/10/2022	16/10/2022	17/10/2022	18/10/2022
Rainfall(mm)	12	4	4	2	4
T-Max(°C)	33	32	33	33	31
T-Min(°C)	24	25	24	24	24
Cloud Cover	4	5	6	6	8
RH Max (%)	95	93	90	84	93
RH Min (%)	66	67	65	62	65
Wind Speed (Kmph)	8	7	7	10	10
Wind Direction (deg)	34	109	90	54	58

**Agromet Advisory**

**General advisory:**

Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.

**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 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/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.-339**  
**Date- 14/10/2022**

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

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

The block received average 1.8mm and district received average 06mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.5°C (-0.38) and 24.4°C (+1.47), respectively. The mean relative humidity was 87-90%.

**Forecasted period: Today(8.30IST) to 19<sup>th</sup> October(8.30IST)2022**

**Weather advisory:** Moderate rainfall /Thundershower is forecasted for today and very light to light rainfall/Thundershower is forecasted for other 4 days in the block. The day temperature will be 31-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-95% and 61-67% 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	14/10/2022	15/10/2022	16/10/2022	17/10/2022	18/10/2022
Rainfall(mm)	15	5	2	3	4
T-Max(°C)	33	32	33	33	31
T-Min(°C)	25	25	24	24	24
Cloud Cover(octa)	4	6	6	5	8
RH Max (%)	95	93	90	84	92
RH Min (%)	65	67	66	61	64
Wind Speed (Kmph)	8	7	7	9	10
Wind Direction (deg)	90	109	90	63	56

**Agromet Advisory**

**General advisory:**

Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.

**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 200 litre 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 200 litre 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 day. 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.-339**  
**Date- 14/10/2022**

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

The block received average 16mm and district received average 06mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.5°C (-0.38) and 24.4°C (+1.47), respectively. The mean relative humidity was 87-90%.

**Forecasted period: Today(8.30IST) to 19<sup>th</sup> October(8.30IST)2022**

**Weather advisory:** Moderate rainfall /Thundershower is forecasted for today and very light to light rainfall/Thundershower is forecasted for other 4 days in the block. The day temperature will be 32-33°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-94% and 61-68% 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	14/10/2022	15/10/2022	16/10/2022	17/10/2022	18/10/2022
Rainfall(mm)	13	9	5	2	4
T-Max(°C)	32	33	33	33	32
T-Min(°C)	25	25	24	23	24
Cloud Cover(octa)	6	5	7	6	8
RH Max (%)	94	93	90	83	94
RH Min (%)	66	66	64	61	68
Wind Speed (Kmph)	9	8	8	11	11
Wind Direction (deg)	56	113	90	34	58

**Agromet Advisory**

**General advisory:**

Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.

**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.**

**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/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.-339**  
**Date- 14/10/2022**

**AGROMET ADVISORY BULLETIN FOR MAHANGA**

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

The block received average 08mm and district received average 06mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.5°C (-0.38) and 24.4°C (+1.47), respectively. The mean relative humidity was 87-90%.

**Forecasted period: Today(8.30IST) to 19<sup>th</sup> October(8.30IST)2022**

**Weather advisory:** Very light to light rainfall /Thundershower is forecasted for upcoming 5 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 83-95% and 60-67% 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	14/10/2022	15/10/2022	16/10/2022	17/10/2022	18/10/2022
Rainfall(mm)	10	7	3	2	4
T-Max(°C)	33	32	33	33	32
T-Min(°C)	25	25	24	24	24
Cloud Cover(octal)	5	6	6	6	8
RH Max (%)	95	92	85	83	93
RH Min (%)	66	67	66	60	64
Wind Speed (Kmph)	8	7	9	11	10
Wind Direction (deg)	34	113	90	27	56

**Agromet Advisory**

**General advisory:**

Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.

**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.

• **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.-339**  
**Date- 14/10/2022**

**AGROMET ADVISORY BULLETIN FOR NARASINGHPUR**

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

The block received average 06mm and district received average 06mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.5°C (-0.38) and 24.4°C (+1.47), respectively. The mean relative humidity was 87-90%.

**Forecasted period: Today(8.30IST) to 19<sup>th</sup> October(8.30IST)2022**

**Weatheradvisory:** *Very light to light rainfall /Thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be 31-32°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-96% and 58-68% 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	14/10/2022	15/10/2022	16/10/2022	17/10/2022	18/10/2022
Rainfall(mm)	5	4	3	3	2
T-Max(°C)	31	31	31	32	31
T-Min(°C)	23	24	23	23	22
Cloud Cover(octa)	3	6	5	4	7
RH Max (%)	96	96	95	85	95
RH Min (%)	61	68	67	58	62
Wind Speed (Kmph)	5	5	4	5	6
Wind Direction (deg)	34	116	135	45	68

**Agromet Advisory**

**General advisory:**

Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.

**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.-339**  
**Date- 14/10/2022**

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

The block received average 04mm and district received average 06mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.5°C (-0.38) and 24.4°C (+1.47), respectively. The mean relative humidity was 87-90%.

**Forecasted period: Today(8.30IST) to 19<sup>th</sup> October(8.30IST)2022**

**Weather advisory:** Moderate rainfall /Thundershower is forecasted for today and very light to light rainfall/Thundershower is forecasted for other 4 days in the block. The day temperature will be 31-34°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-94% and 62-70% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/10/2022	15/10/2022	16/10/2022	17/10/2022	18/10/2022
Rainfall(mm)	12	7	5	2	5
T-Max(°C)	32	33	34	33	31
T-Min(°C)	25	24	23	23	23
Cloud Cover(octa)	7	4	7	7	8
RH Max (%)	92	92	90	84	94
RH Min (%)	67	66	64	62	70
Wind Speed(Kmph)	9	8	8	12	11
Wind Direction(deg)	56	113	68	34	58

**Agromet Advisory**

**General advisory:**

Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.

**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.**
- **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.-339**  
**Date- 14/10/2022**

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

**The block received average 14mm and district received average 06mm rainfall during the last week.** The mean daily maximum and minimum temperature was 32.5°C (-0.38) and 24.4°C (+1.47), respectively. The mean relative humidity was 87-90%.

**Forecasted period: Today(8.30IST) to 19<sup>th</sup> October(8.30IST)2022**

**Weather advisory: Moderate rainfall /Thundershower is forecasted for today and very light to light rainfall/Thundershower is forecasted for other 4 days in the block.** The day temperature will be 31-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-95% and 61-68% 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	14/10/2022	15/10/2022	16/10/2022	17/10/2022	18/10/2022
Rainfall(mm)	13	8	5	2	5
T-Max(°C)	32	32	33	33	31
T-Min(°C)	25	25	24	24	24
Cloud Cover(octa)	5	5	7	6	8
RH Max (%)	95	92	86	83	93
RH Min (%)	67	68	66	61	66
Wind Speed (Kmph)	8	7	8	11	10
Wind Direction (deg)	45	109	90	34	56

**Agromet Advisory**

**General advisory:** Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.

**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 200 litre 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 200 litre 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** 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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**GRAMIN KRISHI MAUSAM SEWA**  
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**Bulletin No.-339**  
**Date- 14/10/2022**

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

**The block received average 14mm and district received average 06mm rainfall during the last week.** The mean daily maximum and minimum temperature was 32.5°C (-0.38) and 24.4°C (+1.47), respectively. The mean relative humidity was 87-90%.

**Forecasted period: Today(8.30IST) to 19<sup>th</sup> October(8.30IST)2022**

**Weather advisory: Moderate rainfall /Thundershower is forecasted for today and very light to light rainfall/Thundershower is forecasted for other 4 days in the block.** The day temperature will be 31-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-95% and 61-68% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Salepur(VAID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/10/2022	15/10/2022	16/10/2022	17/10/2022	18/10/2022
Rainfall(mm)	14	7	4	2	4
T-Max(°C)	32	32	33	33	31
T-Min(°C)	25	25	24	24	24
Cloud Cover(octa)	5	5	6	6	8
RH Max (%)	95	92	86	83	93
RH Min (%)	67	68	66	61	66
Wind Speed (Kmph)	8	7	8	11	10
Wind Direction (deg)	34	109	90	34	56

**Agromet Advisory**

**General advisory:**

Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.

**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 Ethofenoprox 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 chili 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.-339**  
**Date- 14/10/2022**

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

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

The block received average 07mm and district received average 06mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.5°C (-0.38) and 24.4°C (+1.47), respectively. The mean relative humidity was 87-90%.

**Forecasted period: Today(8.30IST) to 19<sup>th</sup> October(8.30IST)2022**

**Weather advisory:** Very light to light rainfall /Thundershower is forecasted for upcoming 5 days in the block. The day temperature will be 30-32°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-88% and 63-71% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/10/2022	15/10/2022	16/10/2022	17/10/2022	18/10/2022
Rainfall(mm)	10	5	3	3	4
T-Max(°C)	31	31	32	32	30
T-Min(°C)	26	26	25	25	25
Cloud Cover(octa)	7	3	7	7	8
RH Max (%)	87	88	84	83	88
RH Min (%)	70	71	68	63	71
Wind Speed (Kmph)	10	9	12	14	11
Wind Direction (deg)	64	113	64	54	71

**Agromet Advisory**

**General advisory:**

Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.

**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.-339**  
**Date- 14/10/2022**

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

The block received average 03mm and district received average 06mm rainfall during the last week. The mean daily maximum and minimum temperature was 32.5°C (-0.38) and 24.4°C (+1.47), respectively. The mean relative humidity was 87-90%.

**Forecasted period: Today(8.30IST) to 19<sup>th</sup> October(8.30IST)2022**

**Weather advisory:** *Very light to light rainfall /Thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be 31-33°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-95% and 61-68% 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	14/10/2022	15/10/2022	16/10/2022	17/10/2022	18/10/2022
Rainfall(mm)	5	4	3	2	4
T-Max(°C)	32	32	33	32	31
T-Min(°C)	24	25	24	23	23
Cloud Cover(octa)	4	6	6	5	7
RH Max (%)	95	93	93	87	93
RH Min (%)	65	68	65	61	66
Wind Speed (Kmph)	6	7	7	7	8
Wind Direction (deg)	45	101	113	101	68

**Agro met Advisory**

**General advisory:**

Now the weather, soil moisture and 25-26°C soil temperature are optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish. Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.

**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 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.-339  
 Date- 14/10/2022

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

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

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

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

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

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

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