



GRAMIN KRISHI MAUSAM SEWA

INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT

KRISHI VIGYAN KENDRA CUTTACK

(A Unit of ICAR-National Rice Research Institute)

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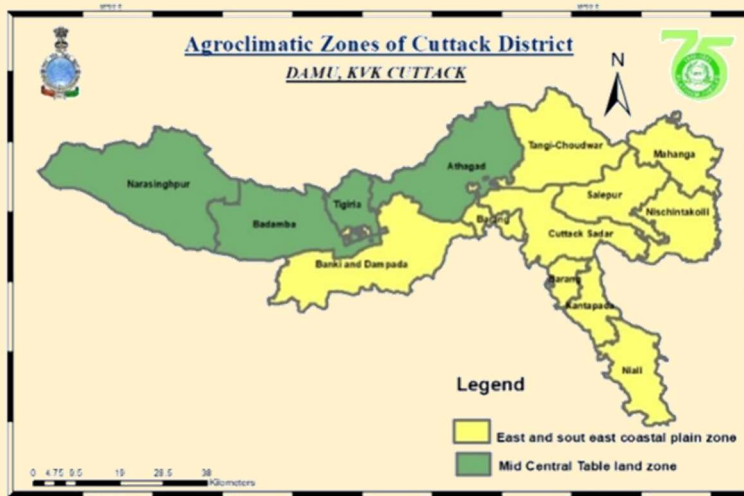


Bulletin No.-598

Date- 14/10/2025

Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Tuesday, 14th October, 2025
(For the period 14th to 18th
October, 2025)*



*Issued by
District Agromet Unit,
KrishiVigyan Kendra Cuttack*



DrRanjan Kumar Mohanta
(Nodal officer)

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STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
	<p align="center">NOAA/VIIIRS/BLENDED NDVI Composite ending on Week no 38 (24.09.2025 to 01.10.2025) over Agricultural region</p> <p align="center">Odisha</p> <p align="center">Agriculture vigour is good at isolated places of the state.</p>
<p><i>As per SPI value (cumulative 4weeks -04 September 2025 – 01 October 2025), mildly wet condition was there in Cuttack district.</i></p>	<p><i>According to NDVI map (24.09.2025 to 01.10.2025) the agriculture vigor was moderate over most places of Cuttack district.</i></p>

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



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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
2	Sugarcane	7-8 month old		Neck Blast
				Mealy bug
				Scales
				White fly
				Top rot
3	Maize	Cob initiation		Aphid/thrips



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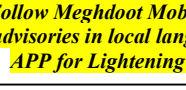




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				Stem borer
				Tobacco caterpillar
4	Vegetables			Aphid
				Leaf hopper
				White fly
	Brinjal	Transplanting		Wilt
	Okra	Fruting		Fruit and shoot borer
	Unseasonal Cauliflower	Seedling		Damping off
	Cucurbits			Downy mildew
				Stem rot
				Leaf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



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Date- 14/10/2025

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 02 mm & district received average 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was **31°C (-1.95°C from normal)** and **22°C (-0.95°C from normal)**, respectively. Mean relative humidity was around 86-89%.

Forecasted period: Today(8.30IST) to 19thOctober(8.30IST)2025

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **31-32°C** and night temperature will be **22-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 38-90% and 49-68% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/10/2025	15/10/2025	16/10/2025	17/10/2025	18/10/2025
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	32	32	32	31	31
T-Min (°C)	23	23	23	22	22
Cloud Cover (octa)	3	3	2	3	3
RH Max (%)	38	38	88	80	90
RH Min (%)	60	60	56	49	68
Wind Speed (kmph)	9	8	6	8	10
Wind Direction (deg)	168	243	215	176	138

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 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.



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(Nodal officer)

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Bulletin No.-598
Date- 14/10/2025

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 06 mm & district received average 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was **31°C (-1.95°C from normal)** and **22°C (-0.95°C from normal)**, respectively. Mean relative humidity was around 86-89%.

Forecasted period: Today(8.30IST) to 19th October(8.30IST)2025

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **31-32°C** and night temperature will be **22-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 37-90% and 49-68% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/10/2025	15/10/2025	16/10/2025	17/10/2025	18/10/2025
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	31
T-Min(°C)	23	23	23	22	22
Cloud Cover(octa)	4	3	3	3	3
RH Max (%)	37	37	80	80	90
RH Min (%)	60	60	56	49	68
Wind Speed (Kmph)	9	8	6	8	10
Wind Direction (deg)	168	243	215	176	138

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/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.



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Bulletin No.-598
Date- 14/10/2025

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was **31°C (-1.95°C from normal)** and **22°C (-0.95°C from normal)**, respectively. Mean relative humidity was around 86-89%.

Forecasted period: Today(8.30IST) to 19th October(8.30IST)2025

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **31-32°C** and night temperature will be **22-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 37-90% and 49-68% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/10/2025	15/10/2025	16/10/2025	17/10/2025	18/10/2025
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	31
T-Min(°C)	23	23	23	23	22
Cloud Cover(octa)	4	3	3	3	2
RH Max (%)	37	37	80	80	90
RH Min (%)	60	60	56	49	68
Wind Speed (Kmph)	9	8	6	8	10
Wind Direction (deg)	168	243	215	176	138

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 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:**

- 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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Bulletin No.-598
Date- 14/10/2025

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPADA

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

The block received average 07 mm & district received average 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C (-1.95°C from normal) and 22°C (-0.95°C from normal), respectively. Mean relative humidity was around 86-89%.

Forecasted period: Today(8.30IST) to 19th October(8.30IST)2025

Weather Advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 31-32°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-91% and 50-68% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/10/2025	15/10/2025	16/10/2025	17/10/2025	18/10/2025
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	31
T-Min(°C)	23	23	23	23	22
Cloud Cover(octa)	4	3	3	3	2
RH Max (%)	91	89	88	89	91
RH Min (%)	60	63	58	50	68
Wind Speed (Kmph)	9	8	7	7	9
Wind Direction (deg)	198	255	244	189	145

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.



DrRanjan Kumar Mohanta
(Nodal officer)

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Bulletin No.-598
Date- 14/10/2025

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 0.4 mm & district received average 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was **31°C (-1.95°C from normal)** and **22°C (-0.95°C from normal)**, respectively. Mean relative humidity was around 86-89%.

Forecasted period: Today(8.30IST) to 19th October(8.30IST)2025

Weatheradvisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be **31-32°C** and night temperature will be **22-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 88-91% and 50-68% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Baranga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/10/2025	15/10/2025	16/10/2025	17/10/2025	18/10/2025
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	31
T-Min(°C)	23	23	23	22	22
Cloud Cover	4	3	2	3	3
RH Max (%)	91	89	88	89	91
RH Min (%)	60	63	58	50	68
Wind Speed (Kmph)	9	8	7	7	9
Wind Direction (deg)	198	255	244	189	145

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 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 litre 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 litre water to prevent bitter melon and pointed melon 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.



DrRanjan Kumar Mohanta
(Nodal officer)

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Bulletin No.-598
Date- 14/10/2025

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 03 mm & district received average 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was **31°C (-1.95°C from normal)** and **22°C (-0.95°C from normal)**, respectively. Mean relative humidity was around 86-89%.

Forecasted period: Today(8.30IST) to 19th October(8.30IST)2025

Weatheradvisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be 31-32°C and night temperature will be 22°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-91% and 50-68% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/10/2025	15/10/2025	16/10/2025	17/10/2025	18/10/2025
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	31
T-Min(°C)	22	22	22	22	22
Cloud Cover(octa)	3	3	2	2	3
RH Max (%)	91	89	88	89	91
RH Min (%)	60	63	58	50	68
Wind Speed (Kmph)	9	8	7	7	9
Wind Direction (deg)	198	255	244	189	145

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 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** 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.



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Bulletin No.-598
Date- 14/10/2025

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 05 mm & district received average 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was **31°C (-1.95°C from normal)** and **22°C (-0.95°C from normal)**, respectively. Mean relative humidity was around 86-89%.

Forecasted period: Today(8.30IST) to 19th October(8.30IST)2025

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **31-32°C** and night temperature will be **22-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 88-91% and 50-68% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/10/2025	15/10/2025	16/10/2025	17/10/2025	18/10/2025
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	31
T-Min(°C)	23	23	23	22	22
Cloud Cover(octa)	4	3	2	3	2
RH Max (%)	85	89	88	89	91
RH Min (%)	60	63	58	50	68
Wind Speed (Kmph)	9	8	7	7	9
Wind Direction (deg)	198	255	244	189	145

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/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.



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Bulletin No.-598
Date- 14/10/2025

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 03 mm & district received average 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was **31°C (-1.95°C from normal)** and **22°C (-0.95°C from normal)**, respectively. Mean relative humidity was around 86-89%.

Forecasted period: Today(8.30IST) to 19th October(8.30IST)2025

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be **31-32°C** and night temperature will be **22-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 88-91% and 50-68% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/10/2025	15/10/2025	16/10/2025	17/10/2025	18/10/2025
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	31
T-Min(°C)	23	23	23	23	22
Cloud Cover(octal)	3	3	3	3	3
RH Max (%)	85	89	88	89	91
RH Min (%)	60	63	58	50	68
Wind Speed (Kmph)	9	8	7	7	9
Wind Direction (deg)	198	255	244	189	145

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 banana 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.



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DISTRICT AGROMET UNIT
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 (A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-598
Date- 14/10/2025

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 10 mm & district received average 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C (-1.95°C from normal) and 22°C (-0.95°C from normal), respectively. Mean relative humidity was around 86-89%.

Forecasted period: Today(8.30IST) to 19th October(8.30IST)2025

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 32-33°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-91% and 50-68% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/10/2025	15/10/2025	16/10/2025	17/10/2025	18/10/2025
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	32	32	32
T-Min(°C)	22	22	22	22	21
Cloud Cover(octa)	4	3	3	3	3
RH Max (%)	91	89	88	89	91
RH Min (%)	60	63	58	50	68
Wind Speed (Kmph)	9	8	7	7	9
Wind Direction (deg)	198	255	244	189	145

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 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/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 Ranjan Kumar Mohanta
 (Nodal officer)

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Bulletin No.-598
Date- 14/10/2025

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 03 mm & district received average 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was **31°C (-1.95°C from normal)** and **22°C (-0.95°C from normal)**, respectively. Mean relative humidity was around 86-89%.

Forecasted period: Today(8.30IST) to 19th October(8.30IST)2025

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be **31-32°C** and night temperature will be **22-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 37-90% and 49-68% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Niali(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/10/2025	15/10/2025	16/10/2025	17/10/2025	18/10/2025
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	31
T-Min(°C)	23	23	23	23	23
Cloud Cover(octa)	3	3	2	3	2
RH Max (%)	37	37	80	80	90
RH Min (%)	60	60	56	49	68
Wind Speed(Kmph)	9	8	6	8	10
Wind Direction(deg)	168	243	215	176	138

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/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.



DrRanjan Kumar Mohanta
(Nodal officer)

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Bulletin No.-598
Date- 14/10/2025

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

The block received average 00 mm & district received average 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was **31°C (-1.95°C from normal)** and **22°C (-0.95°C from normal)**, respectively. Mean relative humidity was around 86-89%.

Forecasted period: Today(8.30IST) to 19th October(8.30IST)2025

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **31-32°C** and night temperature will be **22-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 37-90% and 49-68% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/10/2025	15/10/2025	16/10/2025	17/10/2025	18/10/2025
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	31
T-Min(°C)	23	23	23	23	22
Cloud Cover(octa)	3	3	2	3	2
RH Max (%)	37	37	80	80	90
RH Min (%)	60	60	56	49	68
Wind Speed (Kmph)	9	8	6	8	10
Wind Direction (deg)	168	243	215	176	138

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 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 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.



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Bulletin No.-598
Date- 14/10/2025

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 01 mm & district received average 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was **31°C (-1.95°C from normal)** and **22°C (-0.95°C from normal)**, respectively. Mean relative humidity was around 86-89%.

Forecasted period: Today(8.30IST) to 19th October(8.30IST)2025.

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **31-32°C** and night temperature will be **22-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 37-90% and 49-68% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Salepur(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/10/2025	15/10/2025	16/10/2025	17/10/2025	18/10/2025
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	31
T-Min(°C)	23	23	23	22	22
Cloud Cover(octa)	3	3	2	2	3
RH Max (%)	37	37	80	80	90
RH Min (%)	60	60	56	49	68
Wind Speed (Kmph)	9	8	6	8	10
Wind Direction (deg)	168	243	215	176	138

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.



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Bulletin No.-598
Date- 14/10/2025

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 08 mm & district received average 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C (-1.95°C from normal) and 22°C (-0.95°C from normal), respectively. Mean relative humidity was around 86-89%.

Forecasted period: Today(8.30IST) to 19th October(8.30IST)2025

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 31-32°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 37-90% and 49-68% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/10/2025	15/10/2025	16/10/2025	17/10/2025	18/10/2025
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	31
T-Min(°C)	22	22	23	22	22
Cloud Cover(octa)	3	3	2	2	3
RH Max (%)	37	37	80	80	90
RH Min (%)	60	60	56	49	68
Wind Speed (Kmph)	9	8	6	8	10
Wind Direction (deg)	168	243	215	176	138

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.



DrRanjan Kumar Mohanta
(Nodal officer)

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DISTRICT AGROMET UNIT
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Bulletin No.-598
Date- 14/10/2025

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 03 mm & district received average 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was **31°C (-1.95°C from normal)** and **22°C (-0.95°C from normal)**, respectively. Mean relative humidity was around 86-89%.

Forecasted period: Today(8.30IST) to 19th October(8.30IST)2025

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **31-32°C** and night temperature will be **22-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 37-90% and 49-68% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	14/10/2025	15/10/2025	16/10/2025	17/10/2025	18/10/2025
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	31	31
T-Min(°C)	23	23	23	23	22
Cloud Cover(octa)	4	3	3	3	3
RH Max (%)	37	37	80	80	90
RH Min (%)	60	60	56	49	68
Wind Speed (Kmph)	9	8	6	8	10
Wind Direction (deg)	168	243	215	176	138

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 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.
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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.

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Bulletin No.-598
Date- 14/10/2025

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

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

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



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