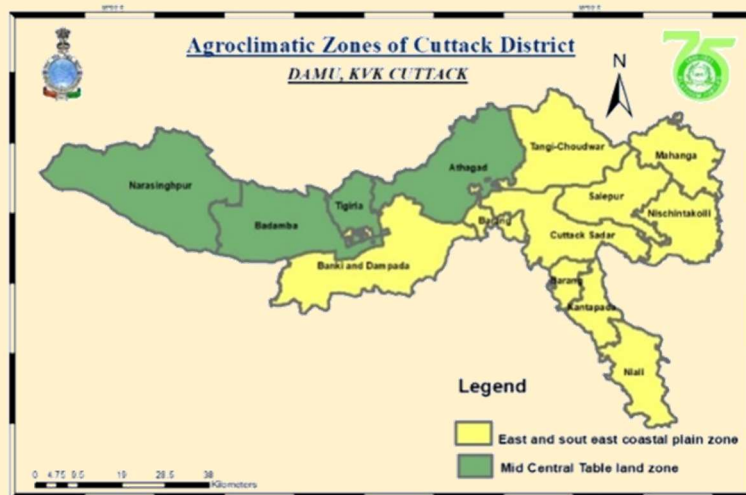




# *Cuttack District Block Wise Agro-met Advisory Service Bulletin*

*Tuesday, 23<sup>rd</sup> September, 2025  
(For the period 23<sup>rd</sup> to 27<sup>th</sup> September,  
2025)*



*Issued by  
District Agro-met Unit,  
KrishiVigyan Kendra Cuttack*



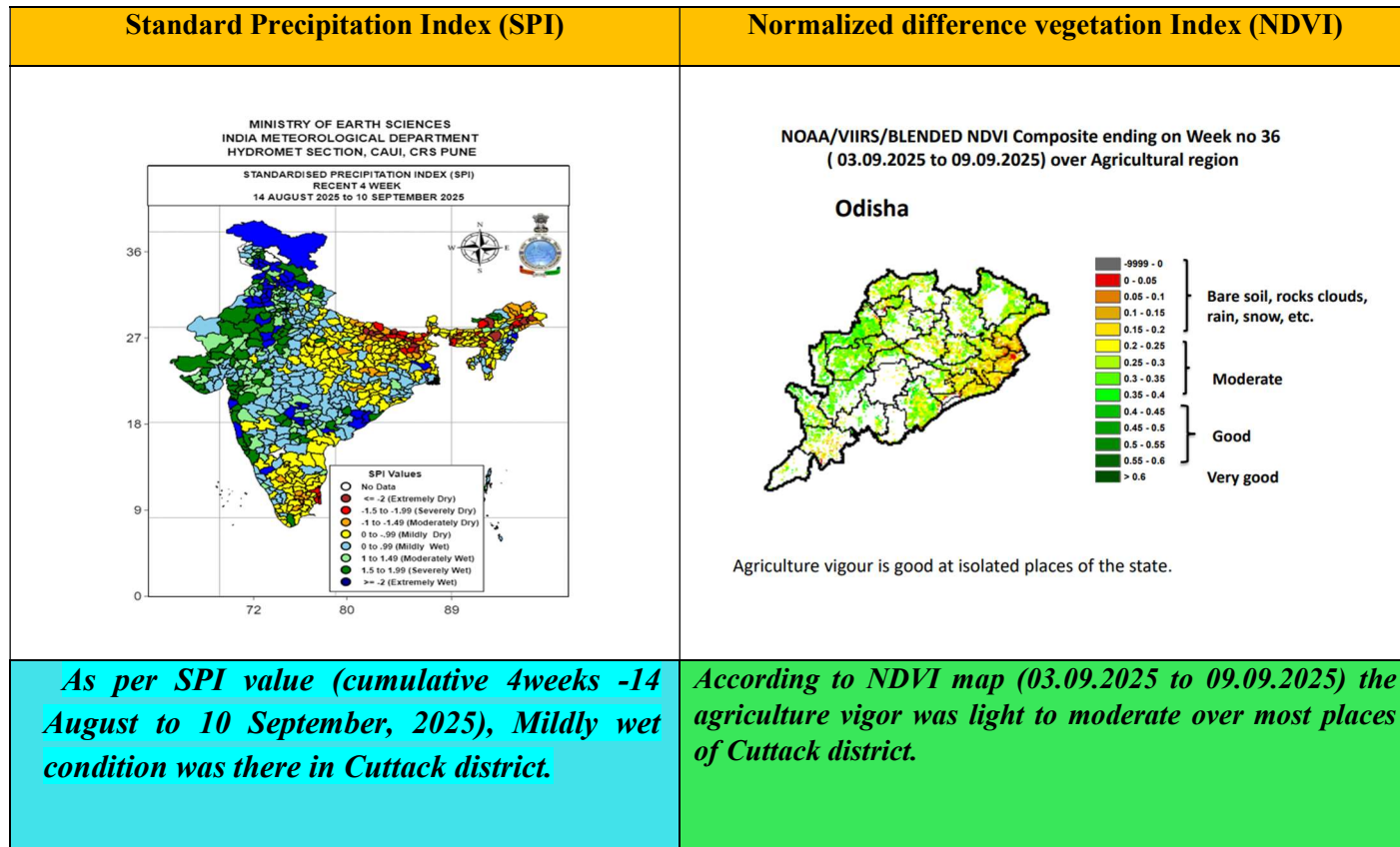


**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
(A Unit of ICAR-National Rice Research Institute)  
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Bulletin No.-596  
Date- 23/09/2025

### STANDARD PRECIPITATION INDEX AND NDVI MAP



LEGEND (Medium range block level rainfall forecast)		
	No Rainfall	00 mm
	Very light rainfall	01-05 mm
	Light rainfall	06-10 mm
	Light to moderate rainfall	11-30 mm
	Moderate to heavy rainfall	31-65 mm
	Heavy to very heavy rainfall	66-115 mm
	Extremely heavy rainfall	>116 mm

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



DrRanjan Kumar Mohanta  
(Nodal officer)

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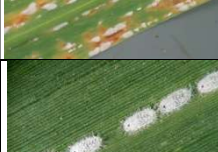


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**Bulletin No.-596**  
**Date- 23/09/2025**

**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		Leaf Streak
				Brown plant hopper
				Gall midge
				Mealy bug
				Hispa
				Caseworm
2	Sugarcane	6-7 month old		Mealy bug
				Scales
				White fly



**DrRanjan Kumar Mohanta**  
 (Nodal officer)

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**Bulletin No.-596**  
**Date- 23/09/2025**

3	Maize	Cob initiation		Aphid/thrips
				Stem borer
				Tobacco caterpillar
4	Vegetables			Aphid
				Leaf hopper
				White fly
5	Banana			Sigatoka
				Panama wilt



**DrRanjan Kumar Mohanta**  
(Nodal officer)

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# GRAMIN KRISHIMAUSAM SEWA INDIA METEOROLOGICAL DEPARTMENT DISTRICT AGROMET UNIT KRISHI VIGYAN KENDRA CUTTACK

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## AGROMET ADVISORY BULLETIN FOR ATHAGAD



Bulletin No.-596

Date- 23/09/2025

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

The block received average 04 mm & district received average 06 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.57°C (+0.85°C from normal) and 24.2°C (+0.16°C from normal), respectively. Mean relative humidity was around 81-87%.

### Forecasted period: Today(8.30IST) to 28<sup>th</sup> September (8.30IST)2025

**Weather advisory::** Moderate rainfall/thundershower is forecasted for upcoming 5days in the block. The day temperature will be 30-33°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 91-95% and 71-74% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/09/2025	24/09/2025	25/09/2025	26/09/2025	27/09/2025
Rainfall (mm)	20	17	18	15	12
T-Max (°C)	30	32	32	33	33
T-Min (°C)	23	23	24	24	24
Cloud Cover (octa)	6	6	6	6	5
RH Max (%)	91	92	94	95	95
RH Min (%)	74	71	72	72	74
Wind Speed (kmph)	5	6	8	10	10
Wind Direction (deg)	295	349	20	54	61

### Agromet Advisory

**General advisory:** Keep the drainage channels ready to drain out excess rain water from crop fields as there is moderate rainfall/thundershower is forecasted for next 5days. They should pause all type of farm operational activities for next 5days based on rainfall forecast. They should harvest matured vegetables and fruits before the rainfall activities and store in safe place.

#### Kharif Rice

Maintain about 5-10cm standing water during panicle initiation stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 17kg of urea and 13kg MOP per acre in upcoming days based upon rainfall forecast.

#### Weather based Disease and pest of rice

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 slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.

Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 litre water.

Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area.

#### Maize:

Maize is at cob initiation stage. 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:

- Now the weather and soil moisture is 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. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre..
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor 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.

#### 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 + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval.
- Go for Drenching of Carbendizim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease.

#### 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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# GRAMIN KRISHIMAUSAM SEWA INDIA METEOROLOGICAL DEPARTMENT DISTRICT AGROMET UNIT KRISHI VIGYAN KENDRA CUTTACK

(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-596

Date- 23/09/2025

## AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 03 mm & district received average 06 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.57°C (+0.85°C from normal) and 24.2°C (+0.16°C from normal), respectively. Mean relative humidity was around 81-87%.

### Forecasted period: Today(8.30IST) to 28<sup>th</sup> September (8.30IST)2025

**Weather advisory:** Moderate rainfall/thundershower is forecasted for upcoming 5 days in the block. The day temperature will be 30-32°C and night temperature will be 24°C for upcoming 5 days. Maximum and minimum relative humidity will be 91-96% and 71-76% 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	23/09/2025	24/09/2025	25/09/2025	26/09/2025	27/09/2025
Rainfall(mm)	22	19	19	15	12
T-Max(°C)	30	32	32	32	32
T-Min(°C)	24	24	24	24	24
Cloud Cover(octa)	6	6	6	6	5
RH Max (%)	91	93	94	96	96
RH Min (%)	74	71	74	73	76
Wind Speed (Kmph)	6	4	6	9	7
Wind Direction (deg)	292	331	11	55	53

### Agromet Advisory

**General advisory:** Keep the drainage channels ready to drain out excess rain water from crop fields as there is moderate rainfall/thundershower is forecasted for next 5 days. They should pause all type of farm operational activities for next 5 days based on rainfall forecast. They should harvest matured vegetables and fruits before the rainfall activities and store in safe place.

#### Kharif Rice

Maintain about 5-10cm standing water during panicle initiation stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 17kg of urea and 13kg MOP per acre in upcoming days based upon rainfall forecast.

#### Weather based Disease and pest of rice

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 slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.

Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.

Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area.

#### Maize:

Maize is at cob initiation stage. 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 15t-35 °C. To control the pest apply Thiodicarb 75% WP 400gram/acre in 200 liter water.

#### VEGETABLES:

- Now the weather and soil moisture is 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. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre..
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor 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.

#### 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 + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval.
- Go for Drenching of Carbendizim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease.

#### 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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Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



**Bulletin No.-596**  
**Date- 23/09/2025**

**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week average weather condition**

The district received average 06 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.57°C (+0.85°C from normal) and 24.2°C (+0.16°C from normal), respectively. Mean relative humidity was around 81-87%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup> September (8.30IST)2025**

**Weather advisory:** Moderate rainfall/thundershower is forecasted for upcoming 5 days in the block. The day temperature will be 30-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-95% and 70-75% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/09/2025	24/09/2025	25/09/2025	26/09/2025	27/09/2025
Rainfall(mm)	20	18	19	15	12
T-Max(°C)	30	32	32	32	33
T-Min(°C)	24	24	25	25	25
Cloud Cover(octa)	6	6	7	6	5
RH Max (%)	90	92	94	95	95
RH Min (%)	72	70	72	73	75
Wind Speed (Kmph)	7	5	9	11	10
Wind Direction (deg)	286	340	12	52	61

**Agromet Advisory**

**General advisory:** Keep the drainage channels ready to drain out excess rain water from crop fields as there is moderate rainfall/thundershower is forecasted for next 5 days. They should pause all type of farm operational activities for next 5 days based on rainfall forecast. They should harvest matured vegetables and fruits before the rainfall activities and store in safe place.

**Kharif Rice**

Maintain about 5-10cm standing water during panicle initiation stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 17kg of urea and 13kg MOP per acre in upcoming days based upon rainfall forecast.

**Weather based Disease and pest of rice**

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 slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre.

Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.

Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area.

**Maize:**

Maize is at cob initiation stage. 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 ltr water. There may be chances of **tobacco caterpillar** in maize in between temperature 15t-35 °C. To control the pest apply Thiodicarb 75% WP 400gram/acre in 200 liter water.

**VEGETABLES:**

- Now the weather and soil moisture is 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. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre..
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor 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.

**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 Carbendizim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease.

**Animal husbandry:**

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(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-596

Date- 23/09/2025

## AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 02 mm & district received average 06 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.57°C (+0.85°C from normal) and 24.2°C (+0.16°C from normal), respectively. Mean relative humidity was around 81-87%.

### Forecasted period: Today(8.30IST) to 28<sup>th</sup> September (8.30IST)2025

**Weather Advisory:** Moderate rainfall/thundershower is forecasted for upcoming 5days in the block. The day temperature will be 30-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-95% and 70-75% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/09/2025	24/09/2025	25/09/2025	26/09/2025	27/09/2025
Rainfall(mm)	18	17	19	15	13
T-Max(°C)	30	32	32	32	33
T-Min(°C)	24	24	25	25	25
Cloud Cover(octa)	6	6	7	6	5
RH Max (%)	90	92	94	95	95
RH Min (%)	72	70	72	73	75
Wind Speed (Kmph)	7	5	9	11	10
Wind Direction (deg)	286	340	12	52	61

### Agromet Advisory

**General advisory:** Keep the drainage channels ready to drain out excess rain water from crop fields as there is moderate rainfall/thundershower is forecasted for next 5days. They should pause all type of farm operational activities for next 5days based on rainfall forecast. They should harvest matured vegetables and fruits before the rainfall activities and store in safe place.

#### Kharif Rice

Maintain about 5-10cm standing water during panicle initiation stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 17kg of urea and 13kg MOP per acre in upcoming days based upon rainfall forecast.

#### Weather based Disease and pest of rice

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 slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.

Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.

Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area.

#### Maize:

Maize is at cob initiation stage. 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:

- Now the weather and soil moisture is 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. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre..
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor 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.

#### 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 + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval.
- Go for Drenching of Carbendizim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease.

#### 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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Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-596

Date- 23/09/2025

## AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 05 mm & district received average 06 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.57°C (+0.85°C from normal) and 24.2°C (+0.16°C from normal), respectively. Mean relative humidity was around 81-87%.

### Forecasted period: Today(8.30IST) to 28<sup>th</sup> September (8.30IST)2025

**Weather advisory:** Moderate rainfall/thundershower is forecasted for upcoming 5 days in the block. The day temperature will be 30-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-95% and 70-74% 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	23/09/2025	24/09/2025	25/09/2025	26/09/2025	27/09/2025
Rainfall(mm)	15	16	19	16	13
T-Max(°C)	30	31	32	33	33
T-Min(°C)	24	24	24	25	25
Cloud Cover	6	6	7	6	5
RH Max (%)	90	92	93	95	95
RH Min (%)	74	70	71	72	73
Wind Speed (Kmph)	6	5	9	11	10
Wind Direction (deg)	297	348	21	52	60

### Agromet Advisory

**General advisory:** Keep the drainage channels ready to drain out excess rain water from crop fields as there is moderate rainfall/thundershower is forecasted for next 5 days. They should pause all type of farm operational activities for next 5 days based on rainfall forecast. They should harvest matured vegetables and fruits before the rainfall activities and store in safe place.

#### Kharif Rice

Maintain about 5-10cm standing water during panicle initiation stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 17kg of urea and 13kg MOP per acre in upcoming days based upon rainfall forecast.

#### Weather based Disease and pest of rice

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 slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre.

Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.

Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area.

#### Maize:

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

#### VEGETABLES:

- Now the weather and soil moisture is 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. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre..
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor 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.

#### 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 + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval.
- Go for Drenching of Carbendizim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease.

#### 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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# GRAMIN KRISHIMAUSAM SEWA INDIA METEOROLOGICAL DEPARTMENT DISTRICT AGROMET UNIT KRISHI VIGYAN KENDRA CUTTACK

(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR



Bulletin No.-596

Date- 23/09/2025

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

The block received average 03 mm & district received average 06 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.57°C (+0.85°C from normal) and 24.2°C (+0.16°C from normal), respectively. Mean relative humidity was around 81-87%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup> September (8.30IST)2025**

**Weather advisory:** Moderate rainfall/thundershower is forecasted for upcoming 5 days in the block. The day temperature will be 30-33°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 91-95% and 69-72% 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	23/09/2025	24/09/2025	25/09/2025	26/09/2025	27/09/2025
Rainfall(mm)	13	15	19	16	13
T-Max(°C)	30	32	32	33	33
T-Min(°C)	23	24	24	24	24
Cloud Cover(octa)	5	5	7	6	5
RH Max (%)	91	91	93	95	95
RH Min (%)	72	69	71	71	72
Wind Speed (Kmph)	5	6	11	12	11
Wind Direction (deg)	318	349	31	52	61

## Agromet Advisory

**General advisory:** Keep the drainage channels ready to drain out excess rain water from crop fields as there is moderate rainfall/thundershower is forecasted for next 5 days. They should pause all type of farm operational activities for next 5 days based on rainfall forecast. They should harvest matured vegetables and fruits before the rainfall activities and store in safe place.

### Kharif Rice

Maintain about 5-10cm standing water during panicle initiation stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 17kg of urea and 13kg MOP per acre in upcoming days based upon rainfall forecast.

### Weather based Disease and pest of rice

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 slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.

Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.

Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one-acre area.

### 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.

### VEGETABLES:

- Now the weather and soil moisture is 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. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre..
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor 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.

### 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 + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval.
- Go for Drenching of Carbendizim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease.

### 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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# GRAMIN KRISHIMAUSAM SEWA INDIA METEOROLOGICAL DEPARTMENT DISTRICT AGROMET UNIT KRISHI VIGYAN KENDRA CUTTACK

(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR KANTAPADA



Bulletin No.-596

Date- 23/09/2025

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

The block received average 05 mm & district received average 06 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.57°C (+0.85°C from normal) and 24.2°C (+0.16°C from normal), respectively. Mean relative humidity was around 81-87%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup> September (8.30IST)2025**

**Weather advisory:** Moderate rainfall/thundershower is forecasted for upcoming 5 days in the block. The day temperature will be 30-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-94% and 70-73% 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	23/09/2025	24/09/2025	25/09/2025	26/09/2025	27/09/2025
Rainfall(mm)	15	16	19	15	13
T-Max(°C)	30	31	32	32	33
T-Min(°C)	24	24	25	25	25
Cloud Cover(octa)	6	6	6	6	5
RH Max (%)	90	91	92	94	94
RH Min (%)	72	70	70	70	73
Wind Speed (Kmph)	5	5	10	11	10
Wind Direction (deg)	300	344	25	53	63

## Agromet Advisory

**General advisory:** Keep the drainage channels ready to drain out excess rain water from crop fields as there is moderate rainfall/thundershower is forecasted for next 5 days. They should pause all type of farm operational activities for next 5 days based on rainfall forecast. They should harvest matured vegetables and fruits before the rainfall activities and store in safe place.

### Kharif Rice

Maintain about 5-10cm standing water during panicle initiation stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 17kg of urea and 13kg MOP per acre in upcoming days based upon rainfall forecast.

### Weather based Disease and pest of rice

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 slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.

Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.

Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one-acre area.

### 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.

### VEGETABLES:

- Now the weather and soil moisture is 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. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre..
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor 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.

### 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 Carbendizim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease.

### 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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# GRAMIN KRISHIMAUSAM SEWA INDIA METEOROLOGICAL DEPARTMENT DISTRICT AGROMET UNIT KRISHI VIGYAN KENDRA CUTTACK

(A Unit of ICAR-National Rice Research Institute)

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AGROMET ADVISORY BULLETIN FOR MAHANGA



Bulletin No.-596

Date- 23/09/2025

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

The block received average 12 mm & district received average 06 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.57°C (+0.85°C from normal) and 24.2°C (+0.16°C from normal), respectively. Mean relative humidity was around 81-87%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup> September (8.30IST)2025**

**Weather advisory:** Moderate rainfall/thundershower is forecasted for upcoming 5 days in the block. The day temperature will be and it will be 30-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will 91-94% and 68-73% 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	23/09/2025	24/09/2025	25/09/2025	26/09/2025	27/09/2025
Rainfall(mm)	21	16	17	15	12
T-Max(°C)	30	31	32	32	32
T-Min(°C)	24	24	25	25	25
Cloud Cover(octal)	6	6	6	6	5
RH Max (%)	91	92	92	94	94
RH Min (%)	73	68	68	71	71
Wind Speed (Kmph)	5	6	11	11	11
Wind Direction (deg)	323	349	34	55	62

## Agro-met Advisory

**General advisory:** Keep the drainage channels ready to drain out excess rain water from crop fields as there is moderate rainfall/thundershower is forecasted for next 5 days. They should pause all type of farm operational activities for next 5 days based on rainfall forecast. They should harvest matured vegetables and fruits before the rainfall activities and store in safe place.

### Kharif Rice

Maintain about 5-10cm standing water during panicle initiation stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 17kg of urea and 13kg MOP per acre in upcoming days based upon rainfall forecast.

### Weather based Disease and pest of rice

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 slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.

Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.

Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one-acre area.

### 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.

### VEGETABLES:

- Now the weather and soil moisture is 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. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre..
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor 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.

### 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 + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval.
- Go for Drenching of Carbendizim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease.

### 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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# GRAMIN KRISHIMAUSAM SEWA INDIA METEOROLOGICAL DEPARTMENT DISTRICT AGROMET UNIT KRISHI VIGYAN KENDRA CUTTACK

(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR



Bulletin No.-596

Date- 23/09/2025

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

The block received average 05 mm & district received average 06 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.57°C (+0.85°C from normal) and 24.2°C (+0.16°C from normal), respectively. Mean relative humidity was around 81-87%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup> September (8.30IST)2025**

**Weather advisory:** Moderate rainfall/thundershower is forecasted for upcoming 5 days in the block. The day temperature will be 31-32°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 94-97% and 73-77% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/09/2025	24/09/2025	25/09/2025	26/09/2025	27/09/2025
Rainfall(mm)	24	22	20	16	11
T-Max(°C)	31	32	32	32	32
T-Min(°C)	23	24	24	24	24
Cloud Cover(octa)	7	6	6	6	5
RH Max (%)	94	96	96	97	97
RH Min (%)	77	73	75	75	76
Wind Speed (Kmph)	5	3	4	7	5
Wind Direction (deg)	291	306	349	54	53

## Agromet Advisory

**General advisory:** Keep the drainage channels ready to drain out excess rain water from crop fields as there is moderate rainfall/thundershower is forecasted for next 5 days. They should pause all type of farm operational activities for next 5 days based on rainfall forecast. They should harvest matured vegetables and fruits before the rainfall activities and store in safe place.

### Kharif Rice

Maintain about 5-10cm standing water during panicle initiation stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 17kg of urea and 13kg MOP per acre in upcoming days based upon rainfall forecast.

### Weather based Disease and pest of rice

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 slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.

Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.

Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area.

### Maize:

Maize is at cob initiation stage. 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 15t-35 °C. To control the pest apply Thiodicarb 75% WP 400gram/acre in 200 liter water.

### VEGETABLES:

- Now the weather and soil moisture is 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. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre..
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor 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.

### 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 + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval.
- Go for Drenching of Carbendizim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease.

### 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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# GRAMIN KRISHIMAUSAM SEWA INDIA METEOROLOGICAL DEPARTMENT DISTRICT AGROMET UNIT KRISHI VIGYAN KENDRA CUTTACK

(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-596

Date- 23/09/2025

## AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 10 mm & district received average 06 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.57°C (+0.85°C from normal) and 24.2°C (+0.16°C from normal), respectively. Mean relative humidity was around 81-87%.

### Forecasted period: Today(8.30IST) to 28<sup>th</sup> September (8.30IST)2025

**Weather advisory:** Moderate rainfall/thundershower is forecasted for upcoming 5 days in the block. The day temperature will be 30-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-92% and 68-73% 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	23/09/2025	24/09/2025	25/09/2025	26/09/2025	27/09/2025
Rainfall(mm)	16	16	19	15	13
T-Max(°C)	30	31	31	32	32
T-Min(°C)	24	24	25	25	25
Cloud Cover(octa)	6	6	6	5	5
RH Max (%)	90	90	91	92	92
RH Min (%)	73	68	68	69	73
Wind Speed(Kmph)	5	5	10	10	9
Wind Direction(deg)	307	347	19	56	72

### Agromet Advisory

**General advisory:** Keep the drainage channels ready to drain out excess rain water from crop fields as there is moderate rainfall/thundershower is forecasted for next 5 days. They should pause all type of farm operational activities for next 5 days based on rainfall forecast. They should harvest matured vegetables and fruits before the rainfall activities and store in safe place.

#### Kharif Rice

Maintain about 5-10cm standing water during panicle initiation stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 17kg of urea and 13kg MOP per acre in upcoming days based upon rainfall forecast.

#### Weather based Disease and pest of rice

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 slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.

Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.

Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one-acre area.

#### 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.

#### VEGETABLES:

- Now the weather and soil moisture is 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. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre..
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor 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.

#### 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 Carbendizim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease.

**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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# GRAMIN KRISHIMAUSAM SEWA INDIA METEOROLOGICAL DEPARTMENT DISTRICT AGROMET UNIT KRISHI VIGYAN KENDRA CUTTACK

(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 13 mm & district received average 06 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.57°C (+0.85°C from normal) and 24.2°C (+0.16°C from normal) respectively. Mean relative humidity was around 81-87%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup> September (8.30IST)2025**

**Weather advisory:** *Moderate rainfall/thundershower is forecasted for upcoming 5days in the block..* The day temperature will be 30-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 91-94% and 68-73% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/09/2025	24/09/2025	25/09/2025	26/09/2025	27/09/2025
Rainfall(mm)	18	16	18	15	13
T-Max(°C)	30	31	32	32	32
T-Min(°C)	24	24	25	25	25
Cloud Cover(octa)	6	6	6	6	5
RH Max (%)	91	91	92	93	94
RH Min (%)	73	68	68	70	71
Wind Speed (Kmph)	5	6	11	11	11
Wind Direction (deg)	323	349	33	55	62

## Agromet Advisory

**General advisory:** *Keep the drainage channels ready to drain out excess rain water from crop fields as there is moderate rainfall/thundershower is forecasted for next 5days. They should pause all type of farm operational activities for next 5days based on rainfall forecast. They should harvest matured vegetables and fruits before the rainfall activities and store in safe place.*

### Kharif Rice

**Maintain about 5-10cm standing water during panicle initiation stage.** In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 17kg of urea and 13kg MOP per acre in upcoming days based upon rainfall forecast.

### Weather based Disease and pest of rice

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 slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.

Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.

Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one-acre area.

### 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.

### VEGETABLES:

- **Now the weather and soil moisture is 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. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre..
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor 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.

### 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 Carbendizim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease.

### 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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**GRAMIN KRISHIMAUSAM 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.-596**  
**Date- 23/09/2025**

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

The block received average 13 mm & district received average 06 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.57°C (+0.85°C from normal) and 24.2°C (+0.16°C from normal), respectively. Mean relative humidity was around 81-87%.

**Forecasted period: Today(8.30IST) to 28<sup>th</sup> September (8.30IST)2025**

**Weather advisory::** Moderate rainfall/thundershower is forecasted for upcoming 5days in the block. The day temperature will be 30-33°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 91-94% and 69-73% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/09/2025	24/09/2025	25/09/2025	26/09/2025	27/09/2025
Rainfall(mm)	15	16	19	16	13
T-Max(°C)	30	31	32	33	33
T-Min(°C)	23	24	24	25	25
Cloud Cover(octa)	6	5	7	6	5
RH Max (%)	91	91	92	94	94
RH Min (%)	73	69	69	70	72
Wind Speed (Kmph)	5	6	11	11	11
Wind Direction (deg)	323	349	33	55	62

**Agromet Advisory**

**General advisory:** Keep the drainage channels ready to drain out excess rain water from crop fields as there is moderate rainfall/thundershower is forecasted for next 5days. They should pause all type of farm operational activities for next 5days based on rainfall forecast. They should harvest matured vegetables and fruits before the rainfall activities and store in safe place.

**Kharif Rice**

Maintain about 5-10cm standing water during panicle initiation stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 17kg of urea and 13kg MOP per acre in upcoming days based upon rainfall forecast.

**Weather based Disease and pest of rice**

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 slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.

Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.

Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area.

**Maize:**

Maize is at cob initiation stage. 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:**

- **Now the weather and soil moisture is 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. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre..
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor 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.

**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 + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval.
- Go for Drenching of Carbendizim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease.

**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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# GRAMIN KRISHIMAUSAM SEWA INDIA METEOROLOGICAL DEPARTMENT DISTRICT AGROMET UNIT KRISHI VIGYAN KENDRA CUTTACK

(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-596

Date- 23/09/2025

## AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 07 mm & district received average 06 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.57°C (+0.85°C from normal) and 24.2°C (+0.16°C from normal), respectively. Mean relative humidity was around 81-87%.

### Forecasted period: Today(8.30IST) to 28<sup>th</sup> September (8.30IST)2025

**Weather advisory:** Moderate rainfall/thundershower is forecasted for upcoming 5 days in the block. The day temperature will be 30-33°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-90% and 68-74% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	23/09/2025	24/09/2025	25/09/2025	26/09/2025	27/09/2025
Rainfall(mm)	17	16	19	16	13
T-Max(°C)	30	32	32	33	33
T-Min(°C)	23	23	24	24	24
Cloud Cover(octa)	6	5	7	6	5
RH Max (%)	88	89	88	88	90
RH Min (%)	70	68	69	71	74
Wind Speed (Kmph)	7	5	10	11	10
Wind Direction (deg)	306	330	36	92	98

### Agromet Advisory

**General advisory:** Keep the drainage channels ready to drain out excess rain water from crop fields as there is moderate rainfall/thundershower is forecasted for next 5 days. They should pause all type of farm operational activities for next 5 days based on rainfall forecast. They should harvest matured vegetables and fruits before the rainfall activities and store in safe place.

#### Kharif Rice

Maintain about 5-10cm standing water during panicle initiation stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 17kg of urea and 13kg MOP per acre in upcoming days based upon rainfall forecast.

#### Weather based Disease and pest of rice

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 slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.

Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.

Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area.

#### Maize:

Maize is at cob initiation stage. 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:

- Now the weather and soil moisture is 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. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre..
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor 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.

#### 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 + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval.
- Go for Drenching of Carbendizim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease.

#### 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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(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-596

Date- 23/09/2025

## AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 09 mm & district received average 06 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.57°C (+0.85°C from normal) and 24.2°C (+0.16°C from normal), respectively. Mean relative humidity was around 81-87%.

### Forecasted period: Today(8.30IST) to 28<sup>th</sup> September (8.30IST)2025

**Weather advisory:** Moderate rainfall/thundershower is forecasted for upcoming 5 days in the block. The day temperature will be 30-33°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 91-96% and 72-75% 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	23/09/2025	24/09/2025	25/09/2025	26/09/2025	27/09/2025
Rainfall(mm)	23	18	18	14	12
T-Max(°C)	30	32	32	33	33
T-Min(°C)	23	23	24	24	24
Cloud Cover(octa)	6	6	6	6	5
RH Max (%)	91	92	94	96	95
RH Min (%)	75	72	74	73	75
Wind Speed (Kmph)	6	5	8	10	9
Wind Direction (deg)	300	340	11	53	57

### Agro met Advisory

**General advisory:** Keep the drainage channels ready to drain out excess rain water from crop fields as there is moderate rainfall/thundershower is forecasted for next 5 days. They should pause all type of farm operational activities for next 5 days based on rainfall forecast. They should harvest matured vegetables and fruits before the rainfall activities and store in safe place.

#### Kharif Rice

Maintain about 5-10cm standing water during panicle initiation stage. In normal transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage with 17kg of urea and 13kg MOP per acre in upcoming days based upon rainfall forecast.

#### Weather based Disease and pest of rice

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 slight increase in temperature there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre.

Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.

Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area.

#### Maize:

Maize is at cob initiation stage. 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 ltr 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:

- Now the weather and soil moisture is 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. Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre..
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor 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.

#### 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 + trifoxystrobin @ 1ml per litre for 2 -3 times in 25 days interval.
- Go for Drenching of Carbendizim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease.

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







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

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

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



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