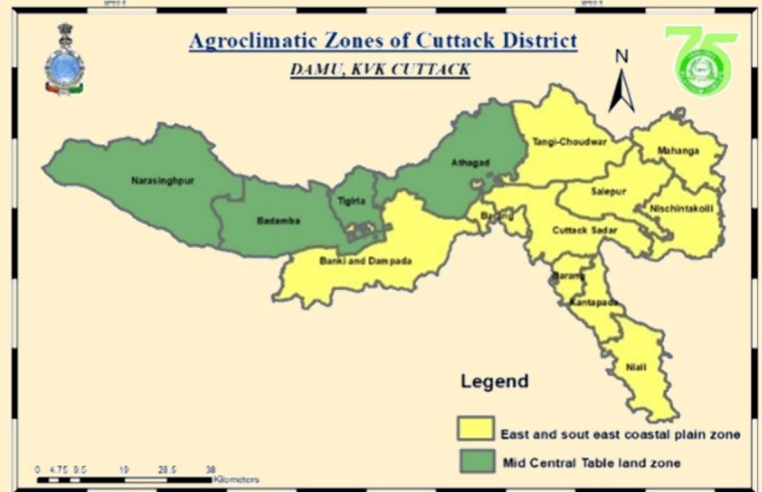




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Tuesday, 21st April, 2026
 (For the period 21st to 25th April, 2026)*



*Issued by
 District Agromet Unit,
 KrishiVigyan Kendra Cuttack*



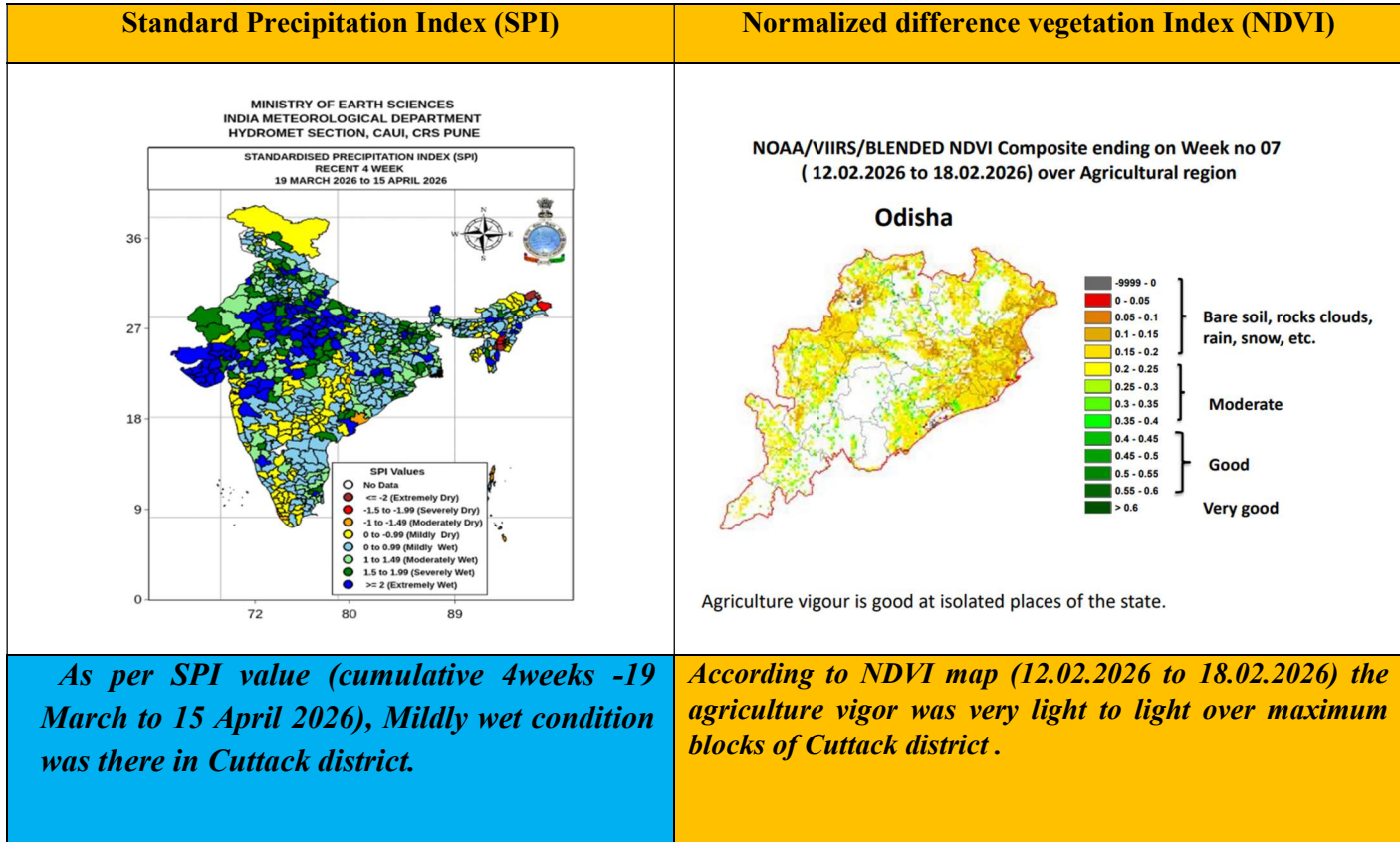
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DrRanjan Kumar Mohanta
 (Nodal officer)





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



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(Nodal officer)





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Bulletin No.-627
Date- 21/04/2026

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.28°C (-0.97 from normal) and 25°C (+0.88 from normal), respectively. The mean relative humidity was 72-84%.

Forecasted period: Today(8.30IST) to 26th April (8.30IST)2026

Weather advisory: *Very light Rainfall / thundershower is forecasted for today to Thursday and dry weather is forecasted for other 2 days in the block* The day temperature will be 38-39°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-87% and 24-31% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	21/04/2026	22/04/2026	23/04/2026	24/04/2026	25/04/2026
Rainfall (mm)	04	02	02	00	00
T-Max (°C)	38	39	39	39	38
T-Min (°C)	25	25	26	26	26
Cloud Cover (octa)	3	2	2	1	0
RH Max (%)	85	85	86	89	88
RH Min (%)	16	13	20	31	36
Wind Speed (kmph)	3	9	6	7	10
Wind Direction (deg)	180	194	194	196	180

Crop specific Agro-met Advisory

General advisory:

Farmers are advised to go for summer ploughing in the dry days and prepare the field for kharif sowing. As increase in day temperature condition (40°C or above) likely to prevail in between next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

Special agro-met advisory for anticipated heat wave condition in Cuttack district.

Crops and vegetables:

- Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, so Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.
- Two sprays of plant growth substances such as Salicylic acid (250 µmol/ lit) or Sodium nitroprusside (SNP @ 25 µmol/ lit) is also helpful in improving fruit set and size in tomato.
- If the orchard is more than 6 years age, 150-240 litres water/day/tree is required. Drip irrigation with organic mulch should be preferred.
- Mulching helps in maintaining the soil moisture for long period. Mulch the soil with paddy straw or locally available organic or inorganic material. Black polythene material would be essential to prevent excess evaporation.
- Foliar spray of 2% DAP + 1% KCl (MOP) during critical stages of flowering and grain formation.
- Foliar spray of 2-4% Kaolin is recommended depending on the severity to reduce the transpiration. Two foliar sprays of Potassium nitrate 1 – 1.5% may also be done at an interval of 15 days during April-May. Foliar spray of 500 ppm Cycocel (1 ml of commercial product per litre of water).
- Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).
- Foliar spray of 100 ppm salicylic acid for increasing stem reserve utilization under high moisture stress and also spray of 0.3 % Boric acid + 0.5 % ZnSO₄ + 0.5 % FeSO₄ + 1.0 % urea during critical stages of the stress.
- Use shading net of 50% (1.5-2.0 m above the field surface) to reduce the intensity of solar radiation in vegetable crops.
- In Mango due to high temperature stress in many areas leaf fall is observed. To overcome the leaf fall and to enhance the turgidity spray 0.2 % cent Potassium Sulphate.
- In Banana, as a mitigation measure, 0.1mM salicylic acid (140 mg/litre of water with surfactant) foliar spray can be given to the plant @ 250 ml/plant. Foliar application of Kaolinite (5%) during vegetative state reduces the transpiration water loss.
- In Banana Application of 5kg Rice husk ash or composted coir pith in the pit at the time of planting is recommended to increase the water holding capacity in the rhizosphere.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.



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DrRanjan Kumar Mohanta
(Nodal officer)





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Bulletin No.-627
Date- 21/04/2026

AGROMET ADVISORY BULLETIN FOR BADAMBBA

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.28°C (-0.97 from normal) and 25°C (+0.88 from normal), respectively. The mean relative humidity was 72-84%.

Forecasted period: Today(8.30IST) to 26th April (8.30IST)2026

Weather advisory: Very light Rainfall / thundershower is forecasted for today to Thursday and dry weather is forecasted for other 2 days in the block. The day temperature will be 39-40°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-91% and 07-29% 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)				
	21/04/2026	22/04/2026	23/04/2026	24/04/2026	25/04/2026
Rainfall(mm)	03	02	02	00	00
T-Max(°C)	39	40	40	39	39
T-Min(°C)	26	26	26	27	27
Cloud Cover(octa)	3	2	2	1	0
RH Max (%)	84	84	89	91	90
RH Min (%)	16	7	16	26	29
Wind Speed (Kmph)	5	6	4	4	5
Wind Direction (deg)	141	187	170	204	172

Crop specific Agro-met Advisory

General advisory:

Farmers are advised to go for summer ploughing in the dry days and prepare the field for kharif sowing. As increase in day temperature condition (40°C or above) likely to prevail in between next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

Special agro-met advisory for anticipated heat wave condition in Cuttack district.

Crops and vegetables:

- Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, so Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.
- Two sprays of plant growth substances such as Salicylic acid (250 µmol/ lit) or Sodium nitroprusside (SNP @ 25 µmol/ lit) is also helpful in improving fruit set and size in tomato.
- If the orchard is more than 6 years age, 150-240 litres water/day/tree is required. Drip irrigation with organic mulch should be preferred.
- Mulching helps in maintaining the soil moisture for long period. Mulch the soil with paddy straw or locally available organic or inorganic material. Black polythene material would be essential to prevent excess evaporation.
- Foliar spray of 2% DAP + 1% KCl (MOP) during critical stages of flowering and grain formation.
- Foliar spray of 2-4% Kaolin is recommended depending on the severity to reduce the transpiration. Two foliar sprays of Potassium nitrate 1 – 1.5% may also be done at an interval of 15 days during April-May. Foliar spray of 500 ppm Cycocel (1 ml of commercial product per litre of water).
- Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).
- Foliar spray of 100 ppm salicylic acid for increasing stem reserve utilization under high moisture stress and also spray of 0.3 % Boric acid + 0.5 % ZnSO₄ + 0.5 % FeSO₄ + 1.0 % urea during critical stages of the stress.
- Use shading net of 50% (1.5-2.0 m above the field surface) to reduce the intensity of solar radiation in vegetable crops.
- In Mango due to high temperature stress in many areas leaf fall is observed. To overcome the leaf fall and to enhance the turgidity spray 0.2 % cent Potassium Sulphate.
- In Banana, as a mitigation measure, 0.1mM salicylic acid (140 mg/litre of water with surfactant) foliar spray can be given to the plant @ 250 ml/plant. Foliar application of Kaolinite (5%) during vegetative state reduces the transpiration water loss.
- In Banana Application of 5kg Rice husk ash or composted coir pith in the pit at the time of planting is recommended to increase the water holding capacity in the rhizosphere.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.



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(Nodal officer)





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Bulletin No.-627
Date- 21/04/2026

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.28°C (-0.97 from normal) and 25°C (+0.88 from normal), respectively. The mean relative humidity was 72-84%.

Forecasted period: Today(8.30IST) to 26thApril (8.30IST)2026

Weather advisory: *Very light Rainfall / thundershower is forecasted for today to Thursday and dry weather is forecasted for other 2 days in the block.* The day temperature will be 38-40°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-90% and 13-36% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	21/04/2026	22/04/2026	23/04/2026	24/04/2026	25/04/2026
Rainfall(mm)	03	02	02	00	00
T-Max(°C)	39	40	40	39	38
T-Min(°C)	26	26	26	27	27
Cloud Cover(octa)	2	2	2	1	0
RH Max (%)	85	84	86	90	88
RH Min (%)	17	13	20	31	36
Wind Speed (Kmph)	3	6	4	3	7
Wind Direction (deg)	166	187	191	194	169

Crop specific Agro-met Advisory

General advisory:

Farmers are advised to go for summer ploughing in the dry days and prepare the field for kharif sowing. As increase in day temperature condition (40°C or above) likely to prevail in between next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

Special agro-met advisory for anticipated heat wave condition in Cuttack district.

Crops and vegetables:

- Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, so Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.
- Two sprays of plant growth substances such as Salicylic acid (250 µmol/ lit) or Sodium nitroprusside (SNP @ 25 µmol/ lit) is also helpful in improving fruit set and size in tomato.
- If the orchard is more than 6 years age, 150-240 litres water/day/tree is required. Drip irrigation with organic mulch should be preferred.
- Mulching helps in maintaining the soil moisture for long period. Mulch the soil with paddy straw or locally available organic or inorganic material. Black polythene material would be essential to prevent excess evaporation.
- Foliar spray of 2% DAP + 1% KCI (MOP) during critical stages of flowering and grain formation.
- Foliar spray of 2-4% Kaolin is recommended depending on the severity to reduce the transpiration. Two foliar sprays of Potassium nitrate 1 – 1.5% may also be done at an interval of 15 days during April-May. Foliar spray of 500 ppm Cycocel (1 ml of commercial product per litre of water).
- Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).
- Foliar spray of 100 ppm salicylic acid for increasing stem reserve utilization under high moisture stress and also spray of 0.3 % Boric acid + 0.5 % ZnSO₄ + 0.5 % FeSO₄ + 1.0 % urea during critical stages of the stress.
- Use shading net of 50% (1.5-2.0 m above the field surface) to reduce the intensity of solar radiation in vegetable crops.
- In Mango due to high temperature stress in many areas leaf fall is observed. To overcome the leaf fall and to enhance the turgidity spray 0.2 % cent Potassium Sulphate.
- In Banana, as a mitigation measure, 0.1mM salicylic acid (140 mg/litre of water with surfactant) foliar spray can be given to the plant @ 250 ml/plant. Foliar application of Kaolinite (5%) during vegetative state reduces the transpiration water loss.
- In Banana Application of 5kg Rice husk ash or composted coir pith in the pit at the time of planting is recommended to increase the water holding capacity in the rhizosphere.

Animal husbandry:

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Bulletin No.-627
Date- 21/04/2026

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPADA

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.28°C (-0.97 from normal) and 25°C (+0.88 from normal), respectively. The mean relative humidity was 72-84%.

Forecasted period: Today(8.30IST) to 26th April (8.30IST)2026

Weather Advisory: *Very light Rainfall / thundershower is forecasted for today to Thursday and dry weather is forecasted for other 2 days in the block.* The day temperature will be 38-39°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-90% and 13-36% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	21/04/2026	22/04/2026	23/04/2026	24/04/2026	25/04/2026
Rainfall(mm)	03	02	02	00	00
T-Max(°C)	38	39	39	39	38
T-Min(°C)	26	26	26	27	27
Cloud Cover(octa)	2	2	2	1	0
RH Max (%)	85	84	86	90	88
RH Min (%)	17	13	20	31	36
Wind Speed (Kmph)	3	6	4	3	7
Wind Direction (deg)	166	187	191	194	169

Crop specific Agro-met Advisory

General advisory:

Farmers are advised to go for summer ploughing in the dry days and prepare the field for kharif sowing. As increase in day temperature condition (40°C or above) likely to prevail in between next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

Special agro-met advisory for anticipated heat wave condition in Cuttack district.

Crops and vegetables:

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- Two sprays of plant growth substances such as Salicylic acid (250 µmol/ lit) or Sodium nitroprusside (SNP @ 25 µmol/ lit) is also helpful in improving fruit set and size in tomato.
- If the orchard is more than 6 years age, 150-240 litres water/day/tree is required. Drip irrigation with organic mulch should be preferred.
- Mulching helps in maintaining the soil moisture for long period. Mulch the soil with paddy straw or locally available organic or inorganic material. Black polythene material would be essential to prevent excess evaporation.
- Foliar spray of 2% DAP + 1% KCI (MOP) during critical stages of flowering and grain formation.
- Foliar spray of 2-4% Kaolin is recommended depending on the severity to reduce the transpiration. Two foliar sprays of Potassium nitrate 1 – 1.5% may also be done at an interval of 15 days during April-May. Foliar spray of 500 ppm Cycocel (1 ml of commercial product per litre of water).
- Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).
- Foliar spray of 100 ppm salicylic acid for increasing stem reserve utilization under high moisture stress and also spray of 0.3 % Boric acid + 0.5 % ZnSO₄ + 0.5 % FeSO₄ + 1.0 % urea during critical stages of the stress.
- Use shading net of 50% (1.5-2.0 m above the field surface) to reduce the intensity of solar radiation in vegetable crops.
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- In Banana, as a mitigation measure, 0.1mM salicylic acid (140 mg/litre of water with surfactant) foliar spray can be given to the plant @ 250 ml/plant. Foliar application of Kaolinite (5%) during vegetative state reduces the transpiration water loss.
- In Banana Application of 5kg Rice husk ash or composted coir pith in the pit at the time of planting is recommended to increase the water holding capacity in the rhizosphere.

Animal husbandry:

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(Nodal officer)





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Bulletin No.-627
Date- 21/04/2026

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.28°C (-0.97 from normal) and 25°C (+0.88 from normal), respectively. The mean relative humidity was 72-84%.

Forecasted period: Today(8.30IST) to 26thApril (8.30IST)2026

Weather advisory: *Very light Rainfall / thundershower is forecasted for today to Thursday and dry weather is forecasted for other 2 days in the block.* The day temperature will be 37-38°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-93% and 16-36% 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	21/04/2026	22/04/2026	23/04/2026	24/04/2026	25/04/2026
Rainfall(mm)	03	03	03	00	00
T-Max(°C)	37	38	38	38	37
T-Min(°C)	26	26	26	27	27
Cloud Cover	3	3	2	1	0
RH Max (%)	88	87	91	93	93
RH Min (%)	26	16	33	35	36
Wind Speed (Kmph)	13	19	14	13	12
Wind Direction (deg)	194	203	205	204	191

Crop specific Agro-met Advisory

General advisory:

Farmers are advised to go for summer ploughing in the dry days and prepare the field for kharif sowing. As increase in day temperature condition (40°C or above) likely to prevail in between next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

Special agro-met advisory for anticipated heat wave condition in Cuttack district.

Crops and vegetables:

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- Two sprays of plant growth substances such as Salicylic acid (250 µmol/ lit) or Sodium nitroprusside (SNP @ 25 µmol/ lit) is also helpful in improving fruit set and size in tomato.
- If the orchard is more than 6 years age, 150-240 litres water/day/tree is required. Drip irrigation with organic mulch should be preferred.
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- Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).
- Foliar spray of 100 ppm salicylic acid for increasing stem reserve utilization under high moisture stress and also spray of 0.3 % Boric acid + 0.5 % ZnSO₄ + 0.5 % FeSO₄ + 1.0 % urea during critical stages of the stress.
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Animal husbandry:

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(Nodal officer)





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Bulletin No.-627
Date- 21/04/2026

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.28°C (-0.97 from normal) and 25°C (+0.88 from normal), respectively. The mean relative humidity was 72-84%.

Forecasted period: Today(8.30IST) to 26thApril (8.30IST)2026

Weather advisory: *Very light Rainfall / thundershower is forecasted for today to Thursday and dry weather is forecasted for other 2 days in the block.* The day temperature will be 37-38°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-88% and 16-37% 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	21/04/2026	22/04/2026	23/04/2026	24/04/2026	25/04/2026
Rainfall(mm)	04	04	03	00	00
T-Max(°C)	37	38	38	38	37
T-Min(°C)	25	25	26	26	26
Cloud Cover(octa)	3	3	2	1	0
RH Max (%)	83	83	86	88	86
RH Min (%)	19	16	27	34	37
Wind Speed (Kmph)	11	17	12	12	14
Wind Direction (deg)	208	209	213	213	192

Crop specific Agro-met Advisory

General advisory:

Farmers are advised to go for summer ploughing in the dry days and prepare the field for kharif sowing. As increase in day temperature condition (40°C or above) likely to prevail in between next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

Special agro-met advisory for anticipated heat wave condition in Cuttack district.

Crops and vegetables:

- Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, so Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.
- Two sprays of plant growth substances such as Salicylic acid (250 µmol/ lit) or Sodium nitroprusside (SNP @ 25 µmol/ lit) is also helpful in improving fruit set and size in tomato.
- If the orchard is more than 6 years age, 150-240 litres water/day/tree is required. Drip irrigation with organic mulch should be preferred.
- Mulching helps in maintaining the soil moisture for long period. Mulch the soil with paddy straw or locally available organic or inorganic material. Black polythene material would be essential to prevent excess evaporation.
- Foliar spray of 2% DAP + 1% KCI (MOP) during critical stages of flowering and grain formation.
- Foliar spray of 2-4% Kaolin is recommended depending on the severity to reduce the transpiration. Two foliar sprays of Potassium nitrate 1 – 1.5% may also be done at an interval of 15 days during April-May. Foliar spray of 500 ppm Cycocel (1 ml of commercial product per litre of water).
- Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).
- Foliar spray of 100 ppm salicylic acid for increasing stem reserve utilization under high moisture stress and also spray of 0.3 % Boric acid + 0.5 % ZnSO₄ + 0.5 % FeSO₄ + 1.0 % urea during critical stages of the stress.
- Use shading net of 50% (1.5-2.0 m above the field surface) to reduce the intensity of solar radiation in vegetable crops.
- In Mango due to high temperature stress in many areas leaf fall is observed. To overcome the leaf fall and to enhance the turgidity spray 0.2 % cent Potassium Sulphate.
- In Banana, as a mitigation measure, 0.1mM salicylic acid (140 mg/litre of water with surfactant) foliar spray can be given to the plant @ 250 ml/plant. Foliar application of Kaolinite (5%) during vegetative state reduces the transpiration water loss.
- In Banana Application of 5kg Rice husk ash or composted coir pith in the pit at the time of planting is recommended to increase the water holding capacity in the rhizosphere.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.



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DrRanjan Kumar Mohanta
(Nodal officer)





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Bulletin No.-627
Date- 21/04/2026

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.28°C (-0.97 from normal) and 25°C (+0.88 from normal), respectively. The mean relative humidity was 72-84%.

Forecasted period: Today(8.30IST) to 26th April (8.30IST)2026

Weather advisory: *Very light Rainfall / thundershower is forecasted for today to Thursday and dry weather is forecasted for other 2 days in the block.* The day temperature will be 37-38°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-86% and 28-43% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	21/04/2026	22/04/2026	23/04/2026	24/04/2026	25/04/2026
Rainfall(mm)	03	03	03	00	00
T-Max(°C)	37	38	38	38	37
T-Min(°C)	25	25	26	26	26
Cloud Cover(octa)	3	3	2	1	0
RH Max (%)	83	83	86	86	86
RH Min (%)	29	28	35	41	43
Wind Speed (Kmph)	18	21	18	18	17
Wind Direction (deg)	209	211	213	215	199

Crop specific Agro-met Advisory

General advisory:

Farmers are advised to go for summer ploughing in the dry days and prepare the field for kharif sowing. As increase in day temperature condition (40°C or above) likely to prevail in between next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

Special agro-met advisory for anticipated heat wave condition in Cuttack district.

Crops and vegetables:

- Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, so Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.
- Two sprays of plant growth substances such as Salicylic acid (250 µmol/ lit) or Sodium nitroprusside (SNP @ 25 µmol/ lit) is also helpful in improving fruit set and size in tomato.
- If the orchard is more than 6 years age, 150-240 litres water/day/tree is required. Drip irrigation with organic mulch should be preferred.
- Mulching helps in maintaining the soil moisture for long period. Mulch the soil with paddy straw or locally available organic or inorganic material. Black polythene material would be essential to prevent excess evaporation.
- Foliar spray of 2% DAP + 1% KCl (MOP) during critical stages of flowering and grain formation.
- Foliar spray of 2-4% Kaolin is recommended depending on the severity to reduce the transpiration. Two foliar sprays of Potassium nitrate 1 – 1.5% may also be done at an interval of 15 days during April-May. Foliar spray of 500 ppm Cycocel (1 ml of commercial product per litre of water).
- Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).
- Foliar spray of 100 ppm salicylic acid for increasing stem reserve utilization under high moisture stress and also spray of 0.3 % Boric acid + 0.5 % ZnSO₄ + 0.5 % FeSO₄ + 1.0 % urea during critical stages of the stress.
- Use shading net of 50% (1.5-2.0 m above the field surface) to reduce the intensity of solar radiation in vegetable crops.
- In Mango due to high temperature stress in many areas leaf fall is observed. To overcome the leaf fall and to enhance the turgidity spray 0.2 % cent Potassium Sulphate.
- In Banana, as a mitigation measure, 0.1mM salicylic acid (140 mg/litre of water with surfactant) foliar spray can be given to the plant @ 250 ml/plant. Foliar application of Kaolinite (5%) during vegetative state reduces the transpiration water loss.
- In Banana Application of 5kg Rice husk ash or composted coir pith in the pit at the time of planting is recommended to increase the water holding capacity in the rhizosphere.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.



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Bulletin No.-627
Date- 21/04/2026

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.28°C (-0.97 from normal) and 25°C (+0.88 from normal), respectively. The mean relative humidity was 72-84%.

Forecasted period: Today(8.30IST) to 26th April (8.30IST)2026

Weather advisory: *Very light Rainfall / thundershower is forecasted for today to Thursday and dry weather is forecasted for other 2 days in the block* The day temperature will be 37-39°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-87% and 18-37% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	21/04/2026	22/04/2026	23/04/2026	24/04/2026	25/04/2026
Rainfall(mm)	04	03	03	00	00
T-Max(°C)	38	39	39	38	37
T-Min(°C)	25	25	26	26	26
Cloud Cover(octal)	3	3	2	1	0
RH Max (%)	82	81	84	87	86
RH Min (%)	21	18	30	35	37
Wind Speed (Kmph)	14	21	13	14	14
Wind Direction (deg)	217	217	215	214	193

Crop specific Agro-met Advisory

General advisory:

Farmers are advised to go for summer ploughing in the dry days and prepare the field for kharif sowing. As increase in day temperature condition (40°C or above) likely to prevail in between next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

Special agro-met advisory for anticipated heat wave condition in Cuttack district.

Crops and vegetables:

- Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, so Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.
- Two sprays of plant growth substances such as Salicylic acid (250 µmol/ lit) or Sodium nitroprusside (SNP @ 25 µmol/ lit) is also helpful in improving fruit set and size in tomato.
- If the orchard is more than 6 years age, 150-240 litres water/day/tree is required. Drip irrigation with organic mulch should be preferred.
- Mulching helps in maintaining the soil moisture for long period. Mulch the soil with paddy straw or locally available organic or inorganic material. Black polythene material would be essential to prevent excess evaporation.
- Foliar spray of 2% DAP + 1% KCl (MOP) during critical stages of flowering and grain formation.
- Foliar spray of 2-4% Kaolin is recommended depending on the severity to reduce the transpiration. Two foliar sprays of Potassium nitrate 1 – 1.5% may also be done at an interval of 15 days during April-May. Foliar spray of 500 ppm Cycocel (1 ml of commercial product per litre of water).
- Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).
- Foliar spray of 100 ppm salicylic acid for increasing stem reserve utilization under high moisture stress and also spray of 0.3 % Boric acid + 0.5 % ZnSO₄ + 0.5 % FeSO₄ + 1.0 % urea during critical stages of the stress.
- Use shading net of 50% (1.5-2.0 m above the field surface) to reduce the intensity of solar radiation in vegetable crops.
- In Mango due to high temperature stress in many areas leaf fall is observed. To overcome the leaf fall and to enhance the turgidity spray 0.2 % cent Potassium Sulphate.
- In Banana, as a mitigation measure, 0.1mM salicylic acid (140 mg/litre of water with surfactant) foliar spray can be given to the plant @ 250 ml/plant. Foliar application of Kaolinite (5%) during vegetative state reduces the transpiration water loss.
- In Banana Application of 5kg Rice husk ash or composted coir pith in the pit at the time of planting is recommended to increase the water holding capacity in the rhizosphere.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.



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(Nodal officer)





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Bulletin No.-627
Date- 21/04/2026

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.28°C (-0.97 from normal) and 25°C (+0.88 from normal), respectively. The mean relative humidity was 72-84%.

Forecasted period: Today(8.30IST) to 26thApril (8.30IST)2026

Weather advisory: *Very light Rainfall / thundershower is forecasted for today to Thursday and dry weather is forecasted for other 2 days in the block* The day temperature will be 40°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-83% and 10-24% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	21/04/2026	22/04/2026	23/04/2026	24/04/2026	25/04/2026
Rainfall(mm)	03	02	02	00	00
T-Max(°C)	40	40	40	40	40
T-Min(°C)	26	26	27	27	27
Cloud Cover(/octa)	3	2	1	1	0
RH Max (%)	79	77	79	81	83
RH Min (%)	13	10	12	19	24
Wind Speed (Kmph)	2	0	1	0	3
Wind Direction (deg)	127	270	63	360	166

Crop specific Agro-met Advisory

General advisory:

Farmers are advised to go for summer ploughing in the dry days and prepare the field for kharif sowing. As increase in day temperature condition (40°C or above) likely to prevail in between next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

Special agro-met advisory for anticipated heat wave condition in Cuttack district.

Crops and vegetables:

- Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, so Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.
- Two sprays of plant growth substances such as Salicylic acid (250 µmol/ lit) or Sodium nitroprusside (SNP @ 25 µmol/ lit) is also helpful in improving fruit set and size in tomato.
- If the orchard is more than 6 years age, 150-240 litres water/day/tree is required. Drip irrigation with organic mulch should be preferred.
- Mulching helps in maintaining the soil moisture for long period. Mulch the soil with paddy straw or locally available organic or inorganic material. Black polythene material would be essential to prevent excess evaporation.
- Foliar spray of 2% DAP + 1% KCI (MOP) during critical stages of flowering and grain formation.
- Foliar spray of 2-4% Kaolin is recommended depending on the severity to reduce the transpiration. Two foliar sprays of Potassium nitrate 1 – 1.5% may also be done at an interval of 15 days during April-May. Foliar spray of 500 ppm Cycocel (1 ml of commercial product per litre of water).
- Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).
- Foliar spray of 100 ppm salicylic acid for increasing stem reserve utilization under high moisture stress and also spray of 0.3 % Boric acid + 0.5 % ZnSO₄ + 0.5 % FeSO₄ + 1.0 % urea during critical stages of the stress.
- Use shading net of 50% (1.5-2.0 m above the field surface) to reduce the intensity of solar radiation in vegetable crops.
- In Mango due to high temperature stress in many areas leaf fall is observed. To overcome the leaf fall and to enhance the turgidity spray 0.2 % cent Potassium Sulphate.
- In Banana, as a mitigation measure, 0.1mM salicylic acid (140 mg/litre of water with surfactant) foliar spray can be given to the plant @ 250 ml/plant. Foliar application of Kaolinite (5%) during vegetative state reduces the transpiration water loss.
- In Banana Application of 5kg Rice husk ash or composted coir pith in the pit at the time of planting is recommended to increase the water holding capacity in the rhizosphere.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.



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(Nodal officer)





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Bulletin No.-627
Date- 21/04/2026

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.28°C (-0.97 from normal) and 25°C (+0.88 from normal), respectively. The mean relative humidity was 72-84%.

Forecasted period: Today(8.30IST) to 26th April (8.30IST)2026

Weather advisory: Very light Rainfall / thundershower is forecasted for today to Thursday and dry weather is forecasted for other 2 days in the block. The day temperature will be 37-38°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-91% and 35-50% 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	21/04/2026	22/04/2026	23/04/2026	24/04/2026	25/04/2026
Rainfall(mm)	04	03	03	00	00
T-Max(°C)	37	38	38	37	37
T-Min(°C)	25	25	25	26	26
Cloud Cover(octa)	3	3	2	0	0
RH Max (%)	86	89	91	90	91
RH Min (%)	40	35	50	50	44
Wind Speed(Kmph)	20	24	21	19	14
Wind Direction(deg)	210	215	212	209	204

Crop specific Agro-met Advisory

General advisory:

Farmers are advised to go for summer ploughing in the dry days and prepare the field for kharif sowing. As increase in day temperature condition (40°C or above) likely to prevail in between next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

Special agro-met advisory for anticipated heat wave condition in Cuttack district.

Crops and vegetables:

- Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, so Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.
- Two sprays of plant growth substances such as Salicylic acid (250 µmol/ lit) or Sodium nitroprusside (SNP @ 25 µmol/ lit) is also helpful in improving fruit set and size in tomato.
- If the orchard is more than 6 years age, 150-240 litres water/day/tree is required. Drip irrigation with organic mulch should be preferred.
- Mulching helps in maintaining the soil moisture for long period. Mulch the soil with paddy straw or locally available organic or inorganic material. Black polythene material would be essential to prevent excess evaporation.
- Foliar spray of 2% DAP + 1% KCl (MOP) during critical stages of flowering and grain formation.
- Foliar spray of 2-4% Kaolin is recommended depending on the severity to reduce the transpiration. Two foliar sprays of Potassium nitrate 1 – 1.5% may also be done at an interval of 15 days during April-May. Foliar spray of 500 ppm Cycocel (1 ml of commercial product per litre of water).
- Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).
- Foliar spray of 100 ppm salicylic acid for increasing stem reserve utilization under high moisture stress and also spray of 0.3 % Boric acid + 0.5 % ZnSO₄ + 0.5 % FeSO₄ + 1.0 % urea during critical stages of the stress.
- Use shading net of 50% (1.5-2.0 m above the field surface) to reduce the intensity of solar radiation in vegetable crops.
- In Mango due to high temperature stress in many areas leaf fall is observed. To overcome the leaf fall and to enhance the turgidity spray 0.2 % cent Potassium Sulphate.
- In Banana, as a mitigation measure, 0.1mM salicylic acid (140 mg/litre of water with surfactant) foliar spray can be given to the plant @ 250 ml/plant. Foliar application of Kaolinite (5%) during vegetative state reduces the transpiration water loss.
- In Banana Application of 5kg Rice husk ash or composted coir pith in the pit at the time of planting is recommended to increase the water holding capacity in the rhizosphere.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.



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Bulletin No.-627
Date- 21/04/2026

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.28°C (-0.97 from normal) and 25°C (+0.88 from normal), respectively. The mean relative humidity was 72-84%.

Forecasted period: Today(8.30IST) to 26thApril (8.30IST)2026

Weatheradvisory: *Very light Rainfall / thundershower is forecasted for today to Thursday and dry weather is forecasted for other 2 days in the block* The day temperature will be 37-38°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-87% and 19-38% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	21/04/2026	22/04/2026	23/04/2026	24/04/2026	25/04/2026
Rainfall(mm)	04	03	03	00	00
T-Max(°C)	37	38	38	38	37
T-Min(°C)	25	25	25	26	26
Cloud Cover(octa)	3	3	2	1	0
RH Max (%)	82	81	85	87	86
RH Min (%)	23	19	31	37	38
Wind Speed (Kmph)	15	21	14	14	14
Wind Direction (deg)	218	215	215	215	195

Crop specific Agro-met Advisory

General advisory:

Farmers are advised to go for summer ploughing in the dry days and prepare the field for kharif sowing. As increase in day temperature condition (40°C or above) likely to prevail in between next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

Special agro-met advisory for anticipated heat wave condition in Cuttack district.

Crops and vegetables:

- Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, so Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.
- Two sprays of plant growth substances such as Salicylic acid (250 µmol/ lit) or Sodium nitroprusside (SNP @ 25 µmol/ lit) is also helpful in improving fruit set and size in tomato.
- If the orchard is more than 6 years age, 150-240 litres water/day/tree is required. Drip irrigation with organic mulch should be preferred.
- Mulching helps in maintaining the soil moisture for long period. Mulch the soil with paddy straw or locally available organic or inorganic material. Black polythene material would be essential to prevent excess evaporation.
- Foliar spray of 2% DAP + 1% KCI (MOP) during critical stages of flowering and grain formation.
- Foliar spray of 2-4% Kaolin is recommended depending on the severity to reduce the transpiration. Two foliar sprays of Potassium nitrate 1 – 1.5% may also be done at an interval of 15 days during April-May. Foliar spray of 500 ppm Cycocel (1 ml of commercial product per litre of water).
- Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).
- Foliar spray of 100 ppm salicylic acid for increasing stem reserve utilization under high moisture stress and also spray of 0.3 % Boric acid + 0.5 % ZnSO4 + 0.5 % FeSO4 + 1.0 % urea during critical stages of the stress.
- Use shading net of 50% (1.5-2.0 m above the field surface) to reduce the intensity of solar radiation in vegetable crops.
- In Mango due to high temperature stress in many areas leaf fall is observed. To overcome the leaf fall and to enhance the turgidity spray 0.2 % cent Potassium Sulphate.
- In Banana, as a mitigation measure, 0.1mM salicylic acid (140 mg/litre of water with surfactant) foliar spray can be given to the plant @ 250 ml/plant. Foliar application of Kaolinite (5%) during vegetative state reduces the transpiration water loss.
- In Banana Application of 5kg Rice husk ash or composted coir pith in the pit at the time of planting is recommended to increase the water holding capacity in the rhizosphere.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.



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Bulletin No.-627
Date- 21/04/2026

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.28°C (-0.97 from normal) and 25°C (+0.88 from normal), respectively. The mean relative humidity was 72-84%.

Forecasted period: Today(8.30IST) to 26thApril (8.30IST)2026

Weather advisory: *Very light Rainfall / thundershower is forecasted for today to Thursday and dry weather is forecasted for other 2 days in the block* The day temperature will be 37-38°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-87% and 19-38% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	21/04/2026	22/04/2026	23/04/2026	24/04/2026	25/04/2026
Rainfall(mm)	04	04	03	00	00
T-Max(°C)	37	38	38	38	37
T-Min(°C)	25	25	26	26	26
Cloud Cover(octa)	3	3	2	1	0
RH Max (%)	82	81	85	87	86
RH Min (%)	22	19	30	36	38
Wind Speed (Kmph)	15	21	14	14	14
Wind Direction (deg)	216	214	214	215	195

Crop specific Agro-met Advisory

General advisory:

Farmers are advised to go for summer ploughing in the dry days and prepare the field for kharif sowing. As increase in day temperature condition (40°C or above) likely to prevail in between next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

Special agro-met advisory for anticipated heat wave condition in Cuttack district.

Crops and vegetables:

- Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, so Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.
- Two sprays of plant growth substances such as Salicylic acid (250 µmol/ lit) or Sodium nitroprusside (SNP @ 25 µmol/ lit) is also helpful in improving fruit set and size in tomato.
- If the orchard is more than 6 years age, 150-240 litres water/day/tree is required. Drip irrigation with organic mulch should be preferred.
- Mulching helps in maintaining the soil moisture for long period. Mulch the soil with paddy straw or locally available organic or inorganic material. Black polythene material would be essential to prevent excess evaporation.
- Foliar spray of 2% DAP + 1% KCl (MOP) during critical stages of flowering and grain formation.
- Foliar spray of 2-4% Kaolin is recommended depending on the severity to reduce the transpiration. Two foliar sprays of Potassium nitrate 1 – 1.5% may also be done at an interval of 15 days during April-May. Foliar spray of 500 ppm Cycocel (1 ml of commercial product per litre of water).
- Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).
- Foliar spray of 100 ppm salicylic acid for increasing stem reserve utilization under high moisture stress and also spray of 0.3 % Boric acid + 0.5 % ZnSO₄ + 0.5 % FeSO₄ + 1.0 % urea during critical stages of the stress.
- Use shading net of 50% (1.5-2.0 m above the field surface) to reduce the intensity of solar radiation in vegetable crops.
- In Mango due to high temperature stress in many areas leaf fall is observed. To overcome the leaf fall and to enhance the turgidity spray 0.2 % cent Potassium Sulphate.
- In Banana, as a mitigation measure, 0.1mM salicylic acid (140 mg/litre of water with surfactant) foliar spray can be given to the plant @ 250 ml/plant. Foliar application of Kaolinite (5%) during vegetative state reduces the transpiration water loss.
- In Banana Application of 5kg Rice husk ash or composted coir pith in the pit at the time of planting is recommended to increase the water holding capacity in the rhizosphere.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.



Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area

DrRanjan Kumar Mohanta
(Nodal officer)





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Bulletin No.-627
Date- 21/04/2026

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.28°C (-0.97 from normal) and 25°C (+0.88 from normal), respectively. The mean relative humidity was 72-84%.

Forecasted period: Today(8.30IST) to 26thApril (8.30IST)2026

Weather advisory: *Very light Rainfall / thundershower is forecasted for today to Thursday and dry weather is forecasted for other 2 days in the block* The day temperature will be 37-39°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-87% and 46-57% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	21/04/2026	22/04/2026	23/04/2026	24/04/2026	25/04/2026
Rainfall(mm)	04	03	03	00	00
T-Max(°C)	38	39	39	38	37
T-Min(°C)	25	25	26	26	26
Cloud Cover(octa)	3	3	2	1	0
RH Max (%)	83	84	85	87	87
RH Min (%)	48	46	53	57	55
Wind Speed (Kmph)	24	26	20	19	18
Wind Direction (deg)	218	223	216	211	201

Crop specific Agro-met Advisory

General advisory:

Farmers are advised to go for summer ploughing in the dry days and prepare the field for kharif sowing. As increase in day temperature condition (40°C or above) likely to prevail in between next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

Special agro-met advisory for anticipated heat wave condition in Cuttack district.

Crops and vegetables:

- Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, so Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.
- Two sprays of plant growth substances such as Salicylic acid (250 µmol/ lit) or Sodium nitroprusside (SNP @ 25 µmol/ lit) is also helpful in improving fruit set and size in tomato.
- If the orchard is more than 6 years age, 150-240 litres water/day/tree is required. Drip irrigation with organic mulch should be preferred.
- Mulching helps in maintaining the soil moisture for long period. Mulch the soil with paddy straw or locally available organic or inorganic material. Black polythene material would be essential to prevent excess evaporation.
- Foliar spray of 2% DAP + 1% KCl (MOP) during critical stages of flowering and grain formation.
- Foliar spray of 2-4% Kaolin is recommended depending on the severity to reduce the transpiration. Two foliar sprays of Potassium nitrate 1 – 1.5% may also be done at an interval of 15 days during April-May. Foliar spray of 500 ppm Cycocel (1 ml of commercial product per litre of water).
- Spray of 40 ppm NAA to check flower and fruit drop (4 ml of Planofix in 4.5 litres of water).
- Foliar spray of 100 ppm salicylic acid for increasing stem reserve utilization under high moisture stress and also spray of 0.3 % Boric acid + 0.5 % ZnSO₄ + 0.5 % FeSO₄ + 1.0 % urea during critical stages of the stress.
- Use shading net of 50% (1.5-2.0 m above the field surface) to reduce the intensity of solar radiation in vegetable crops.
- In Mango due to high temperature stress in many areas leaf fall is observed. To overcome the leaf fall and to enhance the turgidity spray 0.2 % cent Potassium Sulphate.
- In Banana, as a mitigation measure, 0.1mM salicylic acid (140 mg/litre of water with surfactant) foliar spray can be given to the plant @ 250 ml/plant. Foliar application of Kaolinite (5%) during vegetative state reduces the transpiration water loss.
- In Banana Application of 5kg Rice husk ash or composted coir pith in the pit at the time of planting is recommended to increase the water holding capacity in the rhizosphere.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.



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Bulletin No.-627
Date- 21/04/2026

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.28°C (-0.97 from normal) and 25°C (+0.88 from normal), respectively. The mean relative humidity was 72-84%.

Forecasted period: Today(8.30IST) to 26th April (8.30IST)2026

Weather advisory: Very light Rainfall / thundershower is forecasted for today to Thursday and dry weather is forecasted for other 2 days in the block. The day temperature will be 39-40°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-90 and 12-35% 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	21/04/2026	22/04/2026	23/04/2026	24/04/2026	25/04/2026
Rainfall(mm)	03	02	02	00	00
T-Max(°C)	39	40	40	39	39
T-Min(°C)	26	26	26	27	27
Cloud Cover(octa)	3	2	2	1	0
RH Max (%)	84	84	86	90	88
RH Min (%)	16	12	17	29	35
Wind Speed (Kmph)	2	4	3	2	7
Wind Direction (deg)	129	180	180	180	162

Crop specific Agro-met Advisory

General advisory:

Farmers are advised to go for summer ploughing in the dry days and prepare the field for kharif sowing. As increase in day temperature condition (40°C or above) likely to prevail in between next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

Special agro-met advisory for anticipated heat wave condition in Cuttack district.

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- Foliar spray of 2% DAP + 1% KCI (MOP) during critical stages of flowering and grain formation.
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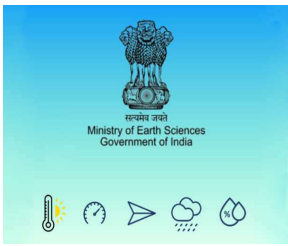







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MEGHDOOT APP	DAMINI APP	FACEBOOK (Damu Cuttack)	BLOCK SPECIFIC WHAT'S APP GROUPS	@DAMUCUTTACK

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

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



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