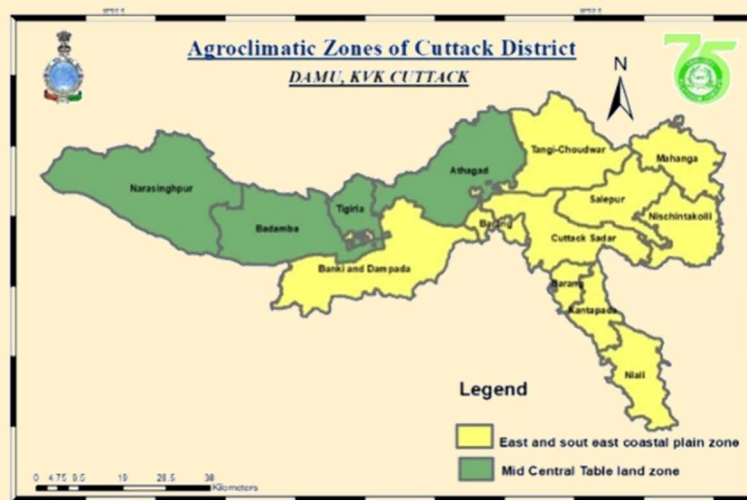




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 19th December, 2025
(For the period 19th to 23rd December, 2025)*



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





GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
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Bulletin No.-609
Date- 19/12/2025

STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p>MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CAUI, CRS PUNE</p> <p>STANDARDISED PRECIPITATION INDEX (SPI) RECENT 4 WEEK 13 NOVEMBER 2025 TO 10 DECEMBER 2025</p> <p>SPI Values No Data ≤ -2 (Extremely Dry) -2 to -1.5 (Severely Dry) -1.5 to -1 (Moderately Dry) -1 to 0 (Mildly Dry) 0 to 1 (Mildly Wet) 1 to 1.5 (Moderately Wet) 1.5 to 2 (Severely Wet) ≥ 2 (Extremely Wet) </p>	<p>NOAA/VIIIRS/BLENDED NDVI Composite ending on Week no 49 (03.12.2025 to 10.12.2025) over Agricultural region</p> <p style="text-align: center;">Odisha</p> <p>Agriculture vigour is good at isolated places of the state.</p> <p>Legend for NDVI: -0.9999 - 0: Bare soil, rocks clouds, rain, snow, etc. 0.05 - 0.1: Bare soil, rocks clouds, rain, snow, etc. 0.1 - 0.15: Bare soil, rocks clouds, rain, snow, etc. 0.15 - 0.2: Bare soil, rocks clouds, rain, snow, etc. 0.2 - 0.25: Moderate 0.25 - 0.3: Moderate 0.3 - 0.35: Moderate 0.35 - 0.4: Moderate 0.4 - 0.45: Good 0.45 - 0.5: Good 0.5 - 0.55: Good 0.55 - 0.6: Very good > 0.6: Very good </p>
<p><i>As per SPI value (cumulative 4weeks – 13 November to 10 December 2025), mildly dry condition was there in Cuttack district.</i></p>	<p><i>According to NDVI map (03.12.2025 to 10.12.2025) the agriculture vigor was Light to Moderate over most of the blocks of Cuttack district.</i></p>

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

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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DrRanjan Kumar Mohanta
(Nodal officer)





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Bulletin No.-609

Date- 19/12/2025

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	Mustard	Vegetative to flowering stage		Aphid
				Saw fly
				White rust
2	Rabi Groundnut	Vegetative stage		Leaf Miner
3	Vegetables (Tomato, Chilli, Brinjal)	Vegetative to fruiting		Thrips
				Mites
		Fruiting		Fruit and shoot borer
4	Tomato			Late blight
4	Potato	Sprouting/Vegetative stage		Cut worm and leaf eating insect
	Cole crops (Cauliflower and cabbage)	Vegetative to fruiting		Leaf eating caterpillar
5				Aphid
				Fruit borer
				Diamond back moth



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DrRanjan Kumar Mohanta
(Nodal officer)





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Bulletin No.-609

Date- 19/12/2025

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **26.28°C (-2.59°C from normal)** and **12.71°C (-1.76°C from normal)**, respectively. Mean relative humidity of the district was around 75-85%.

Forecasted period: Today(8.30IST) to 24th December (8.30IST)2025

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be 27-28°C and night temperature will be 12-13°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 89-92% and 34-37% 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	19/12/2025	20/12/2025	21/12/2025	22/12/2025	23/12/2025
Rainfall (mm)	00	00	00	00	00
T-Max (°C)	27	27	27	28	28
T-Min (°C)	13	13	12	12	12
Cloud Cover (octa)	0	0	3	2	0
RH Max (%)	89	92	92	89	90
RH Min (%)	37	37	34	35	34
Wind Speed (kmph)	6	5	5	5	5
Wind Direction (deg)	320	312	331	318	306

Agromet Advisory

General Advisory: Provide light irrigation to standing vegetables and crops during morning and evening hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables.

Kharif Rice:

As dry weather is forecasted for upcoming 5 days ,in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

Foggy and cool weather may aggravate the infestation of **aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyriphos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid** infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage **Mustard sawfly** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyriphos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. **There may be chances of white rust disease in Mustard due to decrease in temperature, to control spray Metalaxyl 2g/liter of water.**

VEGETABLES:

Onion: The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**

Potato: Go for hoeing and hand weeding at 21 DAS and earthingupnd After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly. Applychlorpyriphos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect**. **To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.**

Tomato: To avoid **late blight** precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment.Avoid excess nitrogen fertilizer and close spacing of plants.

Brinjal and Chilly:Shoot and fruit borerandleaf eating Caterpillarmay observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Cabbage and Cauliflower:

Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.There is a chance of occurrence of **thrip, mitesandAphids**inBrinjal, Tomato, Chilli,colecrops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.

Animal husbandry: In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.



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DrRanjan Kumar Mohanta
 (Nodal officer)





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(A Unit of ICAR-National Rice Research Institute)



Bulletin No.-609
Date- 19/12/2025

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

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **26.28°C (-2.59°C from normal)** and **12.71°C (-1.76°C from normal)**, respectively. Mean relative humidity of the district was around 75-85%.

Forecasted period: Today(8.30IST) to 24th December (8.30IST)2025

Weatheradvisory: *Dry weather is forecasted for next 5 days in the block.* The day temperature will be **26-28°C**and night temperature will be **12-13°C**for upcoming 5 days. Maximum and minimum relative humidity will be 90-94% and 38-43% respectively. **There will be clear to partly cloudskyfor next 5days.**

Block	Badamba(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/12/2025	20/12/2025	21/12/2025	22/12/2025	23/12/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	26	27	27	27	28
T-Min(°C)	13	13	13	12	12
Cloud Cover(octa)	0	0	3	0	0
RH Max (%)	90	94	94	92	90
RH Min (%)	42	43	40	41	38
Wind Speed (Kmph)	5	4	4	4	4
Wind Direction (deg)	324	297	312	322	297

Agromet Advisory

General Advisory: *Provide light irrigation to standing vegetables and crops during morning and evening hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables.*

Kharif Rice:

As dry weather is forecasted for upcoming 5 days ,in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

Foggy and cool weather may aggravate the infestation of **aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid** infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage **Mustard sawfly** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. There **There may be chances of white rust disease in Mustard due to decrease in temperature, to control spray Metalaxyl**

2g/liter of water.

VEGETABLES:

Onion: The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**

Potato: Go for hoeing and hand weeding at 21 DAS and earthing up. After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly. Apply chlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect.** **To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.**

Tomato: To avoid **late blight** precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.

Brinjal and Chilly: Shoot and fruit borer and leaf eating Caterpillar may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Cabbage and Cauliflower:

Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.

Animal husbandry: In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.



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Bulletin No.-609
Date- 19/12/2025

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **26.28°C (-2.59°C from normal)** and **12.71°C (-1.76°C from normal)**, respectively. Mean relative humidity of the district was around 75-85%.

Forecasted period: Today(8.30IST) to 24th December (8.30IST)2025

Weatheradvisory:*Dry weather is forecasted for next 5 days in the block.*The day temperature will be **27-28°C** and night temperature will be **12-13°C** for upcoming 5 days. Maximum and minimum relative humidity will be 85-93% and 33-36% 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	19/12/2025	20/12/2025	21/12/2025	22/12/2025	23/12/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	27	27	27	28	28
T-Min(°C)	13	13	13	12	12
Cloud Cover(octa)	0	0	3	2	0
RH Max (%)	85	93	93	92	90
RH Min (%)	36	36	34	35	33
Wind Speed (Kmph)	6	5	5	5	5
Wind Direction (deg)	327	318	331	321	315

Agromet Advisory

General Advisory: *Provide light irrigation to standing vegetables and crops during morning and evening hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables.*

Kharif Rice:

As dry weather is forecasted for upcoming 5 days ,in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

Foggy and cool weather may aggravate the infestation of **aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid** infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage **Mustard sawfly** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. **There may be chances of white rust disease in Mustard due to decrease in temperature, to control spray Metalaxyl 2g/liter of water.**

VEGETABLES:

Onion:

The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**

Potato:Go for hoeing and hand weeding at 21 DAS and earthingupnd After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly.Applychlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect.****To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.**

Tomato:To avoid **late blight** precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment.Avoid excess nitrogen fertilizer and close spacing of plants.

Brinjal and Chilly:Shoot and fruit borerandleaf eating Caterpillarmay observe in brinjal field, to control it spray Enamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Cabbage and Cauliflower:

Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.There is a chance of occurrence of **thrip, mitesandAphids**inBrinjal, Tomato, Chilli,colecrops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.

Animal husbandry: In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.



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(Nodal officer)





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Bulletin No.-609

Date- 19/12/2025

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was 26.28°C (-2.59°C from normal) and 12.71°C (-1.76°C from normal), respectively. Mean relative humidity of the district was around 75-85%.

Forecasted period: Today(8.30IST) to 24th December (8.30IST)2025

Weather Advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be 27-28°C and night temperature will be 12-13°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-93% and 33-36% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/12/2025	20/12/2025	21/12/2025	22/12/2025	23/12/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	27	27	27	28	28
T-Min(°C)	13	13	13	12	12
Cloud Cover(octa)	0	0	3	2	0
RH Max (%)	85	93	93	92	90
RH Min (%)	36	36	34	35	33
Wind Speed (Kmph)	6	5	5	5	5
Wind Direction (deg)	327	318	331	321	315

Agromet Advisory

General Advisory: Provide light irrigation to standing vegetables and crops during morning and evening hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables.

Kharif Rice:

As dry weather is forecasted for upcoming 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

Foggy and cool weather may aggravate the infestation of aphid and powdery mildew in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage leaf miner spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of Aphid infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage Mustard sawfly spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. There may be chances of white rust disease in Mustard due to decrease in temperature, to control spray Metalaxyl 2g/liter of water.

VEGETABLES:

Onion: The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.

Potato: Go for hoeing and hand weeding at 21 DAS and earthing up. After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly. Apply chlorpyrifos @ 2.5 ml/lit of water against the attack of cut worm and leaf eating insect. To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.

Tomato: To avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.

Brinjal and Chilli: Shoot and fruit borer and leaf eating Caterpillar may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Cabbage and Cauliflower:

Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l. There is a chance of occurrence of thrip, mites and Aphids in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.

Animal husbandry: In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.



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Dr Ranjan Kumar Mohanta
(Nodal officer)





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Bulletin No.-609
Date- 19/12/2025

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **26.28°C (-2.59°C from normal)** and **12.71°C (-1.76°C from normal)**, respectively. Mean relative humidity of the district was around 75-85%.

Forecasted period: Today(8.30IST) to 24th December (8.30IST)2025

Weatheradvisory:*Dry weather is forecasted for next 5 days in the block.* The day temperature will be 27-28°C and night temperature will be 12-13°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 87-92% and 38-42% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Baranga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/12/2025	20/12/2025	21/12/2025	22/12/2025	23/12/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	27	27	27	27	28
T-Min(°C)	13	13	12	12	12
Cloud Cover	0	0	2	0	0
RH Max (%)	92	91	91	87	89
RH Min (%)	39	42	39	39	38
Wind Speed (Kmph)	6	5	6	5	6
Wind Direction (deg)	332	307	337	323	310

Agromet Advisory

General Advisory: *Provide light irrigation to standing vegetables and crops during morning and evening hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables.*

Kharif Rice:

As dry weather is forecasted for upcoming 5 days ,in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

Foggy and cool weather may aggravate the infestation of **aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid** infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage **Mustard sawfly** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. **There may be chances of white rust disease in Mustard due to decrease in temperature, to control spray Metalaxyl 2g/liter of water.**

VEGETABLES:

Onion:The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers areadvised to go for irrigation in the moisture sensitive stage.**

Potato:Go for hoeing and hand weeding at 21 DAS and earthingupnd After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly.Applychlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect.** **To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.**

Tomato:To avoid **late blight** precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment.Avoid excess nitrogen fertilizer and close spacing of plants.

Brinjal and Chilly:Shoot and fruit borerandleaf eating Caterpillarmay observe in brinjal field, to control it spray Enamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Cabbage and Cauliflower:

Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.There is a chance of occurrence of **thrip, mitesandAphids**inBrinjal, Tomato, Chilli,colecrops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.

Animal husbandry: In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.



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DrRanjan Kumar Mohanta
(Nodal officer)





GRAMIN KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)



Bulletin No.-609
Date- 19/12/2025

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

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **26.28°C (-2.59°C from normal)** and **12.71°C (-1.76°C from normal)**, respectively. Mean relative humidity of the district was around 75-85%.

Forecasted period: Today(8.30IST) to 24th December (8.30IST)2025

Weatheradvisory:*Dry weather is forecasted for next 5 days in the block.*The day temperature will be 27-29°C and night temperature will be 12-13°Cforupcoming 5 days. Maximum and minimum relative humidity will be 85-92% and 32-36% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Cuttack sadar(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/12/2025	20/12/2025	21/12/2025	22/12/2025	23/12/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	27	27	27	28	29
T-Min(°C)	13	13	12	12	12
Cloud Cover(octa)	0	0	3	2	0
RH Max (%)	92	92	91	85	88
RH Min (%)	36	36	32	33	33
Wind Speed (Kmph)	6	6	6	6	7
Wind Direction (deg)	330	310	337	330	304

Agromet Advisory

General Advisory: *Provide light irrigation to standing vegetables and crops during morning and evening hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables.*

Kharif Rice:

As dry weather is forecasted for upcoming 5 days ,in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

Foggy and cool weather may aggravate the infestation of **aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid** infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage **Mustard sawfly** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.**There may be chances of white rust disease in Mustard, to control spray Metalaxyl 2g/liter of water.**

VEGETABLES:

Onion:The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers areadvised to go for irrigation in the moisture sensitive stage.**

Potato:Go for hoeing and hand weeding at 21 DAS and earthingupnd After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly.Applychlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect.****To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.**

Tomato:To avoid **late blight** precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment.Avoid excess nitrogen fertilizer and close spacing of plants.

Brinjal and Chilly:**Shoot and fruit borerandleaf eating Caterpillarmay observe in brinjal field, to control it spray Enamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.**

Cabbage and Cauliflower:

Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.There is a chance of occurrence of **thrip, mitesandAphidsinBrinjal, Tomato, Chilli,colecrops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.**

Animal husbandry:

In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.



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DrRanjan Kumar Mohanta
(Nodal officer)





GRAMIN KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)



Bulletin No.-609
Date- 19/12/2025

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

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **26.28°C (-2.59°C from normal)** and **12.71°C (-1.76°C from normal)**, respectively. Mean relative humidity of the district was around 75-85%.

Forecasted period: Today(8.30IST) to 24th December (8.30IST)2025

Weatheradvisory: *Dry weather is forecasted for next 5 days in the block.* The day temperature will be 27-29°C and night temperature will be 12-13°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 87-94% and 31-37% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Kantapada(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/12/2025	20/12/2025	21/12/2025	22/12/2025	23/12/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	27	28	28	28	29
T-Min(°C)	13	13	13	12	12
Cloud Cover(octa)	0	0	3	2	0
RH Max (%)	94	92	93	87	89
RH Min (%)	37	36	32	31	32
Wind Speed (Kmph)	7	6	7	6	7
Wind Direction (deg)	339	317	345	339	311

Agromet Advisory

General Advisory: *Provide light irrigation to standing vegetables and crops during morning and evening hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables.*

Kharif Rice:

As dry weather is forecasted for upcoming 5 days ,in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

Foggy and cool weather may aggravate the infestation of **aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.**Rabi-Groundnut:**

The early sown rabi groundnut crop is at 3 week stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard: The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid** infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage **Mustard sawfly** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. **There may be chances of white rust disease in Mustard due to decrease in temperature, to control spray**

Metalaxyl 2g/liter of water.

VEGETABLES:

Onion: The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers areadvised to go for irrigation in the moisture sensitive stage.**

Potato:Go for hoeing and hand weeding at 21 DAS and earthingupnd After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly.Applychlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect.****To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.**

Tomato:To avoid **late blight** precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment.Avoid excess nitrogen fertilizer and close spacing of plants.

Brinjal and Chilly:**Shoot and fruit borerandleaf eating Caterpillarmay observe in brinjal field, to control it spray Eamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.**

Cabbage and Cauliflower:

Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.There is a chance of occurrence of **thrip, mitesandAphidsinBrinjal, Tomato, Chilli,colecrops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.**

Animal husbandry: In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.



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DrRanjan Kumar Mohanta
(Nodal officer)





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 MAHANGA



Bulletin No.-609

Date- 19/12/2025

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was 26.28°C (-2.59°C from normal) and 12.71°C (-1.76°C from normal), respectively. Mean relative humidity of the district was around 75-85%.

Forecasted period: Today(8.30IST) to 24th December (8.30IST)2025

Weatheradvisory::Dry weather is forecasted for next 5 days in the block. The day temperature will be and it will be 27-29°C and night temperature will be 13°Cfor upcoming 5 days. Maximum and minimum relative humidity will 82-93% and 32-38% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Mahanga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/12/2025	20/12/2025	21/12/2025	22/12/2025	23/12/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	27	27	27	28	29
T-Min(°C)	13	13	13	13	13
Cloud Cover(octal)	0	0	3	2	0
RH Max (%)	93	93	90	82	86
RH Min (%)	38	37	33	33	32
Wind Speed (Kmph)	6	6	6	6	7
Wind Direction (deg)	349	310	339	330	299

Agro-met Advisory

General Advisory: Provide light irrigation to standing vegetables and crops during morning and evening hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables.

Kharif Rice:

As dry weather is forecasted for upcoming 5 days ,in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

Foggy and cool weather may aggravate the infestation of aphid and powdery mildew in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage leaf miner spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard: The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of Aphid infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage Mustard sawfly spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. **There may be chances of white rust disease in Mustard due to decrease in temperature, to control spray**

Metalaxyl 2g/liter of water.

VEGETABLES:

Onion:The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers areadvised to go for irrigation in the moisture sensitive stage.**

Potato:Go for hoeing and hand weeding at 21 DAS and earthingupnd After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly.Applychlorpyrifos @ 2.5 ml/lit of water against the attack of cut worm and leaf eating insect. **To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.**

Tomato:To avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment.Avoid excess nitrogen fertilizer and close spacing of plants.

Brinjal and Chilly:Shoot and fruit borerandleaf eating Caterpillarmay observe in brinjal field, to control it spray Enamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Cabbage and Cauliflower:

Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l.There is a chance of occurrence of thrip, mitesandAphidsinBrinjal, Tomato, Chilli,colecrops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.

- **Animal husbandry:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.



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DrRanjan Kumar Mohanta
(Nodal officer)





GRAMIN KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)



Bulletin No.-609
Date- 19/12/2025

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

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **26.28°C (-2.59°C from normal)** and **12.71°C (-1.76°C from normal)**, respectively. Mean relative humidity of the district was around 75-85%.

Forecasted period: Today(8.30IST) to 24th December (8.30IST)2025

Weatheradvisory: *Dry weather is forecasted for next 5 days in the block.* The day temperaturewill be 27-29°C and night temperature will be 12°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 83-91% and 31-36% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Narasinghpur(VAID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/12/2025	20/12/2025	21/12/2025	22/12/2025	23/12/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	27	27	27	28	29
T-Min(°C)	12	12	12	12	12
Cloud Cover(/octa)	0	0	4	2	0
RH Max (%)	83	88	91	90	86
RH Min (%)	36	35	36	34	31
Wind Speed (Kmph)	4	4	3	4	4
Wind Direction (deg)	325	304	315	323	307

Agromet Advisory

General Advisory: *Provide light irrigation to standing vegetables and crops during morning and evening hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables.*

Kharif Rice:

As dry weather is forecasted for upcoming 5 days ,in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

Foggy and cool weather may aggravate the infestation of **aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard: The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid** infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage **Mustard sawfly** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. **There may be chances of white rust disease in Mustard due to decrease in temperature, to control spray**

Metalaxyl 2g/liter of water.

VEGETABLES:

Onion: The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers areadvised to go for irrigation in the moisture sensitive stage.**

Potato: Go for hoeing and hand weeding at 21 DAS and earthingupnd After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly. Applychlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect.** **To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.**

Tomato: To avoid **late blight** precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment.Avoid excess nitrogen fertilizer and close spacing of plants.

Brinjal and Chilly: Shoot and fruit borerandleaf eating Caterpillarmay observe in brinjal field, to control it spray Enamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Cabbage and Cauliflower:

Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. There is a chance of occurrence of **thrip, mitesandAphids**inBrinjal, Tomato, Chilli,colecrops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.

- **Animal husbandry:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.



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(Nodal officer)





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Bulletin No.-609
Date- 19/12/2025

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **26.28°C (-2.59°C from normal)** and **12.71°C (-1.76°C from normal)**, respectively. Mean relative humidity of the district was around 75-85%.

Forecasted period: Today(8.30IST) to 24th December (8.30IST)2025

Weatheradvisory: *Dry weather is forecasted for next 5 days in the block.* The day temperature will be **27-28°C** and night temperature will be **12-13°C**for upcoming 5 days. Maximum and *minimum* relative humidity will be 87-94% and 36-42% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Niali(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/12/2025	20/12/2025	21/12/2025	22/12/2025	23/12/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	27	27	27	27	28
T-Min(°C)	13	13	13	12	12
Cloud Cover(octa)	0	0	2	1	0
RH Max (%)	94	94	93	87	90
RH Min (%)	41	42	40	36	36
Wind Speed(Kmph)	7	6	8	7	7
Wind Direction(deg)	349	325	344	336	321

Agromet Advisory

General Advisory: *Provide light irrigation to standing vegetables and crops during morning and evening hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables.*

Kharif Rice:

As dry weather is forecasted for upcoming 5 days ,in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

Foggy and cool weather may aggravate the infestation of **aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard: The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid** infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage **Mustard sawfly** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. There may be chances of **white rust** disease in Mustard, to control spray Metalaxyl 2g/liter of water.

VEGETABLES:

Onion: The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers areadvised to go for irrigation in the moisture sensitive stage.**

Potato:Go for hoeing and hand weeding at 21 DAS and earthingupnd After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly. Applychlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect.** **To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.**

Tomato:To avoid **late blight** precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment.Avoid excess nitrogen fertilizer and close spacing of plants.

Brinjal and Chilly:Shoot and fruit borerandleaf eating Caterpillarmay observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantranilprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Cabbage and Cauliflower:

Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. There is a chance of occurrence of **thrip, mitesandAphids**inBrinjal, Tomato, Chilli,colecrops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.

Animal husbandry: In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.



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DrRanjan Kumar Mohanta
(Nodal officer)





GRAMIN KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)



Bulletin No.-609
Date- 19/12/2025

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 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **26.28°C (-2.59°C from normal)** and **12.71°C (-1.76°C from normal)**, respectively. Mean relative humidity of the district was around 75-85%.

Forecasted period: Today(8.30IST) to 24th December (8.30IST)2025

Weatheradvisory:;Dry weather is forecasted for next 5 days in the block. The day temperature will be 27-29°C and night temperature will be 12-13°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 83-94% and 31-36% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Nischintakoili(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/12/2025	20/12/2025	21/12/2025	22/12/2025	23/12/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	27	28	28	28	29
T-Min(°C)	13	13	13	12	12
Cloud Cover(octa)	0	0	3	2	0
RH Max (%)	94	93	91	83	87
RH Min (%)	36	35	31	31	31
Wind Speed (Kmph)	6	6	7	6	7
Wind Direction (deg)	353	313	341	335	302

Agromet Advisory

General Advisory: *Provide light irrigation to standing vegetables and crops during morning and evening hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables.*

Kharif Rice:

As dry weather is forecasted for upcoming 5 days ,in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

Foggy and cool weather may aggravate the infestation of **aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard: The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid** infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage **Mustard sawfly** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. There may be chances of **white rust** disease in Mustard, to control spray Metalaxyl 2g/liter of water.

VEGETABLES:

Onion: The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**

Potato: Go for hoeing and hand weeding at 21 DAS and earthing up. After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly. Apply chlorpyrifos @ 2.5 ml/l of water against the attack of **cut worm and leaf eating insect.** **To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.**

Tomato: To avoid **late blight** precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.

Brinjal and Chilly: Shoot and fruit borer and leaf eating Caterpillar may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Cabbage and Cauliflower:

Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.

• **Animal husbandry:**

In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.



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DrRanjan Kumar Mohanta
(Nodal officer)





GRAMIN KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)



Bulletin No.-609
Date- 19/12/2025

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

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **26.28°C (-2.59°C from normal)** and **12.71°C (-1.76°C from normal)**, respectively. Mean relative humidity of the district was around 75-85%.

Forecasted period: Today(8.30IST) to 24th December (8.30IST)2025

Weather advisory::Dry weather is forecasted for next 5 days in the block. The day temperature will be 27-29°C and night temperature will be 12-13°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 83-94% and 31-36% respectively. **There will be clear to partly cloudyfor next 5days.**

Block	Salepur(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/12/2025	20/12/2025	21/12/2025	22/12/2025	23/12/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	27	28	28	28	29
T-Min(°C)	13	13	12	12	12
Cloud Cover(octa)	0	0	3	2	0
RH Max (%)	94	93	91	83	87
RH Min (%)	36	36	32	31	31
Wind Speed (Kmph)	6	6	6	6	7
Wind Direction (deg)	345	313	339	335	302

Agromet Advisory

General Advisory: Provide light irrigation to standing vegetables and crops during morning and evening hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables.

Kharif Rice:

As dry weather is forecasted for upcoming 5 days ,in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

Foggy and cool weather may aggravate the infestation of **aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard: The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid** infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage **Mustard sawfly** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. There may be chances of **white rust** disease in Mustard, to control spray Metalaxyl 2g/liter of water.

VEGETABLES:

Onion: The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**

Potato: Go for hoeing and hand weeding at 21 DAS and earthing up. After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly. Apply chlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect**. **To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.**

Tomato: To avoid **late blight** precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.

Brinjal and Chilly: Shoot and fruit borer and leaf eating Caterpillar may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Cabbage and Cauliflower:

Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.

• **Animal husbandry:**

In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.



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DrRanjan Kumar Mohanta
(Nodal officer)





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.-609

Date- 19/12/2025

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was 26.28°C (-2.59°C from normal) and 12.71°C (-1.76°C from normal), respectively. Mean relative humidity of the district was around 75-85%.

Forecasted period: Today(8.30IST) to 24th December (8.30IST)2025

Weatheradvisory::Dry weather is forecasted for next 5 days in the block. The day temperature will be 26-27°C and night temperature will be 12-13°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 79-89% and 41-48% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Tangi-Choudwar(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/12/2025	20/12/2025	21/12/2025	22/12/2025	23/12/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	26	26	26	26	27
T-Min(°C)	13	13	12	12	12
Cloud Cover(octa)	0	0	3	2	0
RH Max (%)	87	89	89	79	83
RH Min (%)	48	47	42	41	43
Wind Speed (Kmph)	10	9	11	10	10
Wind Direction (deg)	352	331	341	339	315

Agromet Advisory

General Advisory: Provide light irrigation to standing vegetables and crops during morning and evening hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables.

Kharif Rice:

As dry weather is forecasted for upcoming 5 days ,in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

Foggy and cool weather may aggravate the infestation of aphid and powdery mildew in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage leaf miner spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard: The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of Aphid infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage Mustard sawfly spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. **There may be chances of white rust disease in Mustard due to decrease in temperature, to control spray**

Metalaxyl 2g/liter of water.

VEGETABLES:

Onion: The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers areadvised to go for irrigation in the moisture sensitive stage.**

Potato:Go for hoeing and hand weeding at 21 DAS and earthingupnd After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly.Applychlorpyrifos @ 2.5 ml/lit of water against the attack of cut worm and leaf eating insect. **To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.**

Tomato:To avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment.Avoid excess nitrogen fertilizer and close spacing of plants.

Brinjal and Chilly:Shoot and fruit borerandleaf eating Caterpillarmay observe in brinjal field, to control it spray Enamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Cabbage and Cauliflower:

Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l.There is a chance of occurrence of thrip, mitesandAphidsinBrinjal, Tomato, Chilli,colecrops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.

- **Animal husbandry:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.



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DrRanjan Kumar Mohanta
(Nodal officer)





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



Bulletin No.-609
Date- 19/12/2025

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **26.28°C (-2.59°C from normal)** and **12.71°C (-1.76°C from normal)**, respectively. Mean relative humidity of the district was around 75-85%.

Forecasted period: Today(8.30IST) to 24th December (8.30IST)2025

Weatheradvisory:;Dry weather is forecasted for next 5 days in the block.Thedaytemperature will be **26-28°C** and night temperature will be **12-13°C**for upcoming 5 days. Maximum and minimum relative humidity will be 85-93% and 33-37% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Tigiria(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/12/2025	20/12/2025	21/12/2025	22/12/2025	23/12/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	26	27	27	27	28
T-Min(°C)	13	13	12	12	12
Cloud Cover(octa)	0	0	3	2	0
RH Max (%)	85	93	93	90	90
RH Min (%)	37	37	35	35	33
Wind Speed (Kmph)	5	4	4	5	5
Wind Direction (deg)	323	315	329	321	309

Agro met Advisory

General Advisory: *Provide light irrigation to standing vegetables and crops during morning and evening hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables.*

Kharif Rice:

As dry weather is forecasted for upcoming 5 days ,in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

Foggy and cool weather may aggravate the infestation of **aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard: The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid** infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage **Mustard sawfly** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. There may be chances of **white rust** disease in Mustard, to control spray Metalaxyl 2g/liter of water.

VEGETABLES:

Onion: The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**

Potato: Go for hoeing and hand weeding at 21 DAS and earthing up. After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly. Apply chlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect.** **To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.**

Tomato: To avoid **late blight** precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.

Brinjal and Chilly: Shoot and fruit borer and leaf eating Caterpillar may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Cabbage and Cauliflower:

Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.

• **Animal husbandry:**

In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.



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Bulletin No.-609
Date- 19/12/2025

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

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

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

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

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

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



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 (Nodal officer)

