



GRAMIN KRISHI MAUSAM SEWA

INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT

KRISHI VIGYAN KENDRA CUTTACK

(A Unit of ICAR-National Rice Research Institute)

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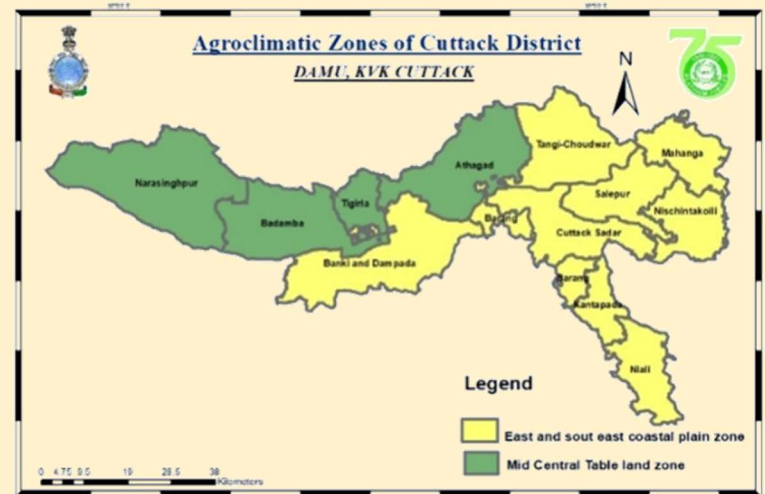


Bulletin No.-550

Date- 28/01/2025

Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Tuesday, 28th January, 2025
(For the period 28th January to 01st
February, 2025)*



*Issued by
District Agromet Unit,
KrishiVigyan Kendra Cuttack*

Dr Sujata Sethy
(Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
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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, CRS PUNE</p> <p>STANDARDIZED PRECIPITATION INDEX FOR THE PERIOD 26 DECEMBER 2024 TO 22 JANUARY 2025</p> <p>SPI VALUES</p> <ul style="list-style-type: none"> > 2.0 (Extremely Dry): 0% Area 1.50 to < 2.00 (Very Dry): 0% Area 1.00 to < 1.50 (Moderately Dry): 0% Area 0.50 to < 1.00 (Dry): 0% Area 0.00 to < 0.50 (Near Normal): 0% Area -0.50 to < 0.00 (Wet): 0% Area -1.00 to < -0.50 (Very Wet): 0% Area < -1.50 (Extremely Wet): 0% Area 	<p>NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 3 (13.01.2025 to 19.01.2025) over Agricultural region</p> <p>Odisha</p> <ul style="list-style-type: none"> -0.9999 - 0 0 - 0.05 0.05 - 0.1 0.1 - 0.15 0.15 - 0.2 0.2 - 0.25 0.25 - 0.3 0.3 - 0.35 0.35 - 0.4 0.4 - 0.45 0.45 - 0.5 0.5 - 0.55 0.55 - 0.6 > 0.6 <p>Bare soil, rocks clouds, rain, snow, etc.</p> <p>Moderate</p> <p>Good</p> <p>Very good</p> <p>Agriculture vigour is good at isolated places of the state.</p>
<p>As per SPI value (cumulative 4weeks -26 December, 2024 to 22 January, 2025), moderately wet condition was there in Cuttack district.</p>	<p>According to NDVI map (13.01.2025 to 19.01.2025) the agriculture vigor was very light to light over most places of Cuttack district.</p>

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



















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Weather (Past and Forecasted) based Disease and pest in Major Crops and vegetables

Sl No	Crop	Stage and condition of the crop	Anticipated Disease and pest
1	Pulses (Green gram and black gram)	Vegetative stage to flowering	 Black headed caterpillar
			 Powdery Mildew
			 Flea beetles
2	Mustard	Vegetative stage to flowering	 Powdery Mildew
			 Alternaria
3	Rabi Groundnut	Vegetative stage to flowering	 Aphid and Mites
			 Spodotera/Tobacco caterpillar
4	Vegetables (Tomato,Chilli, Brinjal)	Vegetative to fruiting	 Mites
			 Chili Aphid
6	Tomato	Flowering to Fruting	 Late blight
			 leaf curl
7	Potato	Sprouting/Vegetative stage	 Potato tuber moth
			 Late blight
8	Cabbage and Cauliflower	Vegetative to Flowering	 Diamond back moth

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 (Nodal officer)



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				Powdery Mildew
9	Mango	Vegetative to Flowering		Mango hooper
10	Papaya	Fruting stage		Mealy bug

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Bulletin No.-550
Date- 28/01/2025

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 28.57°C (-0.85) and 17.42°C (+2.17), respectively. The mean relative humidity was 67-84%.

Forecasted period: Today(8.30IST) to 02nd February (8.30IST)2025

Weather advisory: Dry weather is forecasted for upcoming 5days in the block. The day temperature will be 31-34°C and night temperature will be 19-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 91-96% and 27-37% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/01/2025	29/01/2025	30/01/2025	31/01/2025	01/02/2025
Rainfall (mm)	00	00	00	00	00
T-Max (°C)	31	31	32	34	34
T-Min (°C)	19	19	19	21	21
Cloud Cover (octa)	1	1	2	5	4
RH Max (%)	93	91	91	96	96
RH Min (%)	27	37	29	29	31
Wind Speed (kmph)	2	6	7	5	10
Wind Direction (deg)	231	177	209	193	195

Agromet Advisory

General Advisory:

As Clear day with low humidity in atmosphere likely to occur in upcoming 5days so there is likely infestation white rust in mustard, powdery mildew in Pulses and vegetables. if symptoms are noticed, apply recommended plant protection measures. As dry weather with clear sky with low relative humidity lead to increase in evapotranspiration loss, so to compensate irrigate the crop field in 5-10days interval.

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water.

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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:

As early sown groundnut crop are at post flowering stage (After 30-40 days of sowing), so farmers are advised to irrigate their field after this stage due to mildly dry condition in Cuttack district in last one month and also in upcoming days.

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. For control of Bihary hairy caterpillar and spodotera go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 liter water.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidacloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval
- **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Fruits:**
- **Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering.
- **Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidacloprid 0.3 ml /liter

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-550
Date- 28/01/2025

AGROMET ADVISORY BULLETIN FOR BADAMBA

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 28.57°C (-0.85) and 17.42°C (+2.17), respectively. The mean relative humidity was 67-84%.

Forecasted period: Today(8.30IST) to 02nd February (8.30IST)2025

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 30-34°C and night temperature will be 18-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 90-95% and 27-34% 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)				
	28/01/2025	29/01/2025	30/01/2025	31/01/2025	01/02/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	30	30	32	33	34
T-Min(°C)	18	18	18	20	21
Cloud Cover(octa)	2	1	1	4	4
RH Max (%)	95	93	90	94	94
RH Min (%)	27	34	27	28	27
Wind Speed (Kmph)	1	3	3	2	2
Wind Direction (deg)	252	198	221	207	219

Agromet Advisory

General Advisory:

As Clear day with low humidity in atmosphere likely to occur in upcoming 5 days so there is likely infestation white rust in mustard, powdery mildew in Pulses and vegetables. If symptoms are noticed, apply recommended plant protection measures. As dry weather with clear sky with low relative humidity lead to increase in evapotranspiration loss, so to compensate irrigate the crop field in 5-10 days interval.

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water.

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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:

As early sown groundnut crop are at post flowering stage (After 30-40 days of sowing), so farmers are advised to irrigate their field after this stage due to mildly dry condition in Cuttack district in last one month and also in upcoming days.

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. For control of Bihary hairy caterpillar and spodotera go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfar apply 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 liter water.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval
- **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Fruits:**
- **Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chloropyriphos @2.5ml/l. during initial stages of flowering.
- **Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml/liter

Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-550
Date- 28/01/2025

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 28.57°C (-0.85) and 17.42°C (+2.17), respectively. The mean relative humidity was 67-84%.

Forecasted period: Today(8.30IST) to 02nd February (8.30IST)2025

Weather advisory; Dry weather is forecasted for upcoming 5days in the block. The day temperature will be 30-33°C and night temperature will be 19-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-95% and 30-39% 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	28/01/2025	29/01/2025	30/01/2025	31/01/2025	01/02/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	31	30	32	33	33
T-Min(°C)	19	19	19	21	21
Cloud Cover(octa)	1	2	2	5	4
RH Max (%)	93	91	89	95	95
RH Min (%)	30	39	32	36	35
Wind Speed (Kmph)	2	8	7	5	9
Wind Direction (deg)	0	191	212	205	201

Agromet Advisory

General Advisory:

As Clear day with low humidity in atmosphere likely to occur in upcoming 5days so there is likely infestation white rust in mustard, powdery mildew in Pulses and vegetables. if symptoms are noticed, apply recommended plant protection measures. As dry weather with clear sky with low relative humidity lead to increase in evapotranspiration loss, so to compensate irrigate the crop field in 5-10days interval.

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water.

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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:

As early sown groundnut crop are at post flowering stage(After 30-40 days of sowing), so farmers are advised to irrigate their field after this stage due to mildly dry condition in Cuttack district in last one month and also in upcoming days.

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. For control of Bihary hairy caterpillar and spodotera go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 lit water.
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Bulletin No.-550
Date- 28/01/2025

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 28.57°C (-0.85) and 17.42°C (+2.17), respectively. The mean relative humidity was 67-84%.

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	28/01/2025	29/01/2025	30/01/2025	31/01/2025	01/02/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	31	30	32	33	33
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Cloud Cover(octa)	1	2	2	5	4
RH Max (%)	93	91	89	95	95
RH Min (%)	30	39	32	36	35
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Wind Direction (deg)	0	191	212	205	201

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Rabi-Groundnut:

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Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 lit water.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval
- **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Fruits:**
- **Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chloropyrifos @ 2.5ml/l. during initial stages of flowering.
- **Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml/liter

Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-550
Date- 28/01/2025

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 28.57°C (-0.85) and 17.42°C (+2.17), respectively. The mean relative humidity was 67-84%.

Forecasted period: Today(8.30IST) to 02nd February (8.30IST)2025

Weather advisory: *Dry weather is forecasted for upcoming 5days in the block.* The day temperature will be 30-33°C and night temperature will be 19-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-96% and 30-39% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/01/2025	29/01/2025	30/01/2025	31/01/2025	01/02/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	31	30	32	33	33
T-Min(°C)	19	19	19	21	21
Cloud Cover	1	1	2	5	4
RH Max (%)	92	89	90	96	96
RH Min (%)	30	39	33	36	34
Wind Speed (Kmph)	3	7	8	7	12
Wind Direction (deg)	240	183	214	202	196

Agromet Advisory

General Advisory:

As Clear day with low humidity in atmosphere likely to occur in upcoming 5days so there is likely infestation white rust in mustard, powdery mildew in Pulses and vegetables. if symptoms are noticed, apply recommended plant protection measures. As dry weather with clear sky with low relative humidity lead to increase in evapotranspiration loss, so to compensate irrigate the crop field in 5-10days interval.

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water.

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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:

As early sown groundnut crop are at post flowering stage (After 30-40 days of sowing), so farmers are advised to irrigate their field after this stage due to mildly dry condition in Cuttack district in last one month and also in upcoming days.

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. For control of Bihary hairy caterpillar and spodotera go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenofos @ 2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 liter water.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval
- **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Fruits:**
- **Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering.
- **Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-550
Date- 28/01/2025

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 28.57°C (-0.85) and 17.42°C (+2.17), respectively. The mean relative humidity was 67-84%.

Forecasted period: Today(8.30IST) to 02nd February (8.30IST)2025

Weather advisory; Dry weather is forecasted for upcoming 5days in the block. The day temperature will be 31-34°C and night temperature will be 19-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-97% and 28-34% 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)				
	28/01/2025	29/01/2025	30/01/2025	31/01/2025	01/02/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	31	31	33	34	34
T-Min(°C)	19	19	19	21	21
Cloud Cover(octa)	1	1	2	4	4
RH Max (%)	91	88	91	96	97
RH Min (%)	28	34	30	33	31
Wind Speed (Kmph)	3	6	8	7	11
Wind Direction (deg)	225	191	212	207	201

Agromet Advisory

General Advisory:

As Clear day with low humidity in atmosphere likely to occur in upcoming 5days so there is likely infestation white rust in mustard, powdery mildew in Pulses and vegetables. if symptoms are noticed, apply recommended plant protection measures. As dry weather with clear sky with low relative humidity lead to increase in evapotranspiration loss, so to compensate irrigate the crop field in 5-10days interval.

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water.

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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:

As early sown groundnut crop are at post flowering stage(After 30-40 days of sowing), so farmers are advised to irrigate their field after this stage due to mildly dry condition in Cuttack district in last one month and also in upcoming days.

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. For control of Bihary hairy caterpillar and spodotera go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenofos @ 2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 liter water.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval
- **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Fruits:**
- **Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering.

Papaya: There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-550
Date- 28/01/2025

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 28.57°C (-0.85) and 17.42°C (+2.17), respectively. The mean relative humidity was 67-84%.

Forecasted period: Today(8.30IST) to 02nd February (8.30IST)2025

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 31-33°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-96% and 33-40% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/01/2025	29/01/2025	30/01/2025	31/01/2025	01/02/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	31	31	32	33	33
T-Min(°C)	20	20	20	22	22
Cloud Cover(octa)	1	2	2	5	4
RH Max (%)	89	83	89	96	96
RH Min (%)	33	38	36	40	35
Wind Speed (Kmph)	4	7	10	11	13
Wind Direction (deg)	225	198	211	207	204

Agromet Advisory

General Advisory:

As Clear day with low humidity in atmosphere likely to occur in upcoming 5 days so there is likely infestation white rust in mustard, powdery mildew in Pulses and vegetables. if symptoms are noticed, apply recommended plant protection measures. As dry weather with clear sky with low relative humidity lead to increase in evapotranspiration loss, so to compensate irrigate the crop field in 5-10 days interval.

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water.

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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:

As early sown groundnut crop are at post flowering stage (After 30-40 days of sowing), so farmers are advised to irrigate their field after this stage due to mildly dry condition in Cuttack district in last one month and also in upcoming days.

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. For control of Bihary hairy caterpillar and spodotera go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 liter water.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval
- **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Fruits:**
- **Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chloropyrifos @ 2.5ml/l. during initial stages of flowering.
- **Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter

Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-550
Date- 28/01/2025

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 28.57°C (-0.85) and 17.42°C (+2.17), respectively. The mean relative humidity was 67-84%.

Forecasted period: Today(8.30IST) to 02nd February (8.30IST)2025

Weather advisory: Dry weather is forecasted for upcoming 5days in the block. The day temperature will be and it will be 31-34°C and night temperature will be 19-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-97% and 29-34% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/01/2025	29/01/2025	30/01/2025	31/01/2025	01/02/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	31	31	33	34	34
T-Min(°C)	20	19	20	21	22
Cloud Cover(octal)	1	1	2	4	4
RH Max (%)	89	82	89	96	97
RH Min (%)	29	33	30	34	31
Wind Speed (Kmph)	3	6	9	8	9
Wind Direction (deg)	240	202	216	210	203

Agromet Advisory

General Advisory:

As Clear day with low humidity in atmosphere likely to occur in upcoming 5days so there is likely infestation white rust in mustard, powdery mildew in Pulses and vegetables. if symptoms are noticed, apply recommended plant protection measures. As dry weather with clear sky with low relative humidity lead to increase in evapotranspiration loss, so to compensate irrigate the crop field in 5-10days interval.

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water.

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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:

As early sown groundnut crop are at post flowering stage(After 30-40 days of sowing), so farmers are advised to irrigate their field after this stage due to mildly dry condition in Cuttack district in last one month and also in upcoming days.

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. For control of Bihary hairy caterpillar and spodotera go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 liter water.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval
- **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Fruits:**
- **Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chloropyrifos @2.5ml/l. during initial stages of flowering.
- **Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter

Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-550
Date- 28/01/2025

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 28.57°C (-0.85) and 17.42°C (+2.17), respectively. The mean relative humidity was 67-84%.

Forecasted period: Today(8.30IST) to 02nd February (8.30IST)2025

Weatheradvisory: Dry weather is forecasted for upcoming 5days in the block. The day temperature will be 31-34°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 91-97% and 21-29% 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	28/01/2025	29/01/2025	30/01/2025	31/01/2025	01/02/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	31	31	34	34	34
T-Min(°C)	17	18	18	19	20
Cloud Cover(/octa)	2	2	2	4	4
RH Max (%)	97	96	91	92	95
RH Min (%)	22	29	21	23	25
Wind Speed (Kmph)	1	3	2	2	1
Wind Direction (deg)	117	164	191	166	90

Agromet Advisory

General Advisory:

As Clear day with low humidity in atmosphere likely to occur in upcoming 5days so there is likely infestation white rust in mustard, powdery mildew in Pulses and vegetables. if symptoms are noticed, apply recommended plant protection measures. As dry weather with clear sky with low relative humidity lead to increase in evapotranspiration loss, so to compensate irrigate the crop field in 5-10days interval.

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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:

As early sown groundnut crop are at post flowering stage(After 30-40 days of sowing), so farmers are advised to irrigate their field after this stage due to mildly dry condition in Cuttack district in last one month and also in upcoming days.

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. For control of Bihary hairy caterpillar and spodotera go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litr water.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval
- **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Fruits:**
- **Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chloropyrifos @2.5ml/l. during initial stages of flowering.
- **Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter

Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-550
Date- 28/01/2025

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 28.57°C (-0.85) and 17.42°C (+2.17), respectively. The mean relative humidity was 67-84%.

Forecasted period: Today(8.30IST) to 02nd February (8.30IST)2025

Weather advisory: Dry weather is forecasted for upcoming 5days in the block. The day temperature will be 30-32°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-94% and 43-48% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/01/2025	29/01/2025	30/01/2025	31/01/2025	01/02/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	30	30	31	31	32
T-Min(°C)	20	20	21	22	22
Cloud Cover(octa)	1	2	2	5	4
RH Max (%)	86	78	86	94	94
RH Min (%)	43	43	45	48	44
Wind Speed(Kmph)	5	9	11	12	14
Wind Direction(deg)	219	197	211	210	207

Agromet Advisory

General Advisory:

As Clear day with low humidity in atmosphere likely to occur in upcoming 5days so there is likely infestation white rust in mustard, powdery mildew in Pulses and vegetables. if symptoms are noticed, apply recommended plant protection measures. As dry weather with clear sky with low relative humidity lead to increase in evapotranspiration loss, so to compensate irrigate the crop field in 5-10days interval.

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water.

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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:

As early sown groundnut crop are at post flowering stage(After 30-40 days of sowing), so farmers are advised to irrigate their field after this stage due to mildly dry condition in Cuttack district in last one month and also in upcoming days.

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. For control of Bihary hairy caterpillar and spodotera go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfar apply 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 litr water.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval
- **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Fruits:**
- **Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chloropyriphos @2.5ml/l. during initial stages of flowering.
- **Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter

Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-550
Date- 28/01/2025

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.57°C (-0.85) and 17.42°C (+2.17), respectively. The mean relative humidity was 67-84%.

Forecasted period: Today(8.30IST) to 02nd February (8.30IST)2025

Weatheradvisory: *Dry weather is forecasted for upcoming 5days in the block.* The day temperature will be 31-34°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-96% and 30-36% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/01/2025	29/01/2025	30/01/2025	31/01/2025	01/02/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	31	31	32	33	34
T-Min(°C)	20	20	20	21	22
Cloud Cover(octa)	1	1	2	4	4
RH Max (%)	89	81	89	96	96
RH Min (%)	30	34	31	36	32
Wind Speed (Kmph)	3	6	9	8	9
Wind Direction (deg)	243	202	216	211	203

Agromet Advisory

GeneralAdvisory:

As Clear day with low humidity in atmosphere likely to occur in upcoming 5days so there is likely infestation white rust in mustard, powdery mildew in Pulses and vegetables. if symptoms are noticed, apply recommended plant protection measures. As dry weather with clear sky with low relative humidity lead to increase in evapotranspiration loss, so to compensate irrigate the crop field in 5-10days interval.

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water.

In green gram/black gram, chances of infestation of **leaf eating caterpillar and black headed caterpillar** likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of **Flea beetle and powdery mildew** in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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:

As early sown groundnut crop are at post flowering stage(After 30-40 days of sowing), so farmers are advised to irrigate their field after this stage due to mildly dry condition in Cuttack district in last one month and also in upcoming days.

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **aphids Mites and thrips** spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. **For control of Bihary hairy caterpillar and spodotera** go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenofos @ 2ml/litre of water. To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 lit water.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval
- **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Fruits:**
- **Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering.
- **Papaya:** There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter

Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-550
Date- 28/01/2025

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 28.57°C (-0.85) and 17.42°C (+2.17), respectively. The mean relative humidity was 67-84%.

Forecasted period: Today(8.30IST) to 02nd February (8.30IST)2025

Weather advisory: Dry weather is forecasted for upcoming 5days in the block. The day temperature will be 31-34°C and night temperature will be 19-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-96% and 30-35% 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	28/01/2025	29/01/2025	30/01/2025	31/01/2025	01/02/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	31	31	33	34	34
T-Min(°C)	20	19	20	21	22
Cloud Cover(octa)	1	1	2	4	4
RH Max (%)	89	83	90	96	96
RH Min (%)	30	34	31	35	31
Wind Speed (Kmph)	3	6	9	8	10
Wind Direction (deg)	240	198	214	209	200

Agromet Advisory

General Advisory:

As Clear day with low humidity in atmosphere likely to occur in upcoming 5days so there is likely infestation white rust in mustard, powdery mildew in Pulses and vegetables. if symptoms are noticed, apply recommended plant protection measures. As dry weather with clear sky with low relative humidity lead to increase in evapotranspiration loss, so to compensate irrigate the crop field in 5-10days interval.

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water.

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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:

As early sown groundnut crop are at post flowering stage(After 30-40 days of sowing), so farmers are advised to irrigate their field after this stage due to mildly dry condition in Cuttack district in last one month and also in upcoming days.

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. For control of Bihary hairy caterpillar and spodotera go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 liter water.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval
- **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Fruits:**
- **Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chloropyrifos @2.5ml/l. during initial stages of flowering.

Papaya: There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter

Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-550
Date- 28/01/2025

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 28.57°C (-0.85) and 17.42°C (+2.17), respectively. The mean relative humidity was 67-84%.

Forecasted period: Today(8.30IST) to 02nd February (8.30IST)2025

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 31-34°C and night temperature will be 19-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-93% and 49-55% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/01/2025	29/01/2025	30/01/2025	31/01/2025	01/02/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	31	31	33	34	34
T-Min(°C)	20	19	20	21	22
Cloud Cover(octa)	1	2	2	4	4
RH Max (%)	80	75	84	93	93
RH Min (%)	49	50	50	55	53
Wind Speed (Kmph)	6	8	11	12	11
Wind Direction (deg)	242	207	218	214	215

Agromet Advisory

General Advisory:

As Clear day with low humidity in atmosphere likely to occur in upcoming 5 days so there is likely infestation white rust in mustard, powdery mildew in Pulses and vegetables. If symptoms are noticed, apply recommended plant protection measures. As dry weather with clear sky with low relative humidity lead to increase in evapotranspiration loss, so to compensate irrigate the crop field in 5-10 days interval.

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water.

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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:

As early sown groundnut crop are at post flowering stage (After 30-40 days of sowing), so farmers are advised to irrigate their field after this stage due to mildly dry condition in Cuttack district in last one month and also in upcoming days.

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. For control of Bihary hairy caterpillar and spodotera go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulfur apply 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 liter water.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval
- **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.
- **Fruits:**
- **Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chloropyrifos @2.5ml/l. during initial stages of flowering.

Papaya: There is a chance of occurrence of sucking pest damage in papaya crop. Go for spraying imidachloprid 0.3 ml /liter

Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-550
Date- 28/01/2025

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 28.57°C (-0.85) and 17.42°C (+2.17), respectively. The mean relative humidity was 67-84%.

Forecasted period: Today(8.30IST) to 02nd February (8.30IST)2025

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 30-34°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 91-96% and 27-36% 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)				
	28/01/2025	29/01/2025	30/01/2025	31/01/2025	01/02/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	30	30	32	33	34
T-Min(°C)	18	18	19	20	20
Cloud Cover(octa)	1	2	2	4	4
RH Max (%)	94	93	91	96	95
RH Min (%)	27	36	28	29	29
Wind Speed (Kmph)	1	6	6	3	6
Wind Direction (deg)	236	195	212	187	190

Agro met Advisory

General Advisory:

As Clear day with low humidity in atmosphere likely to occur in upcoming 5 days so there is likely infestation white rust in mustard, powdery mildew in Pulses and vegetables. if symptoms are noticed, apply recommended plant protection measures. As dry weather with clear sky with low relative humidity lead to increase in evapotranspiration loss, so to compensate irrigate the crop field in 5-10 days interval.

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water.

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle 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:

As early sown groundnut crop are at post flowering stage (After 30-40 days of sowing), so farmers are advised to irrigate their field after this stage due to mildly dry condition in Cuttack district in last one month and also in upcoming days.

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage aphids Mites and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. For control of Bihary hairy caterpillar and spodotera go for spraying of fipronil 5% SL 400ml (or) indoxacarb 14.5% SC 80gm or neem oil 1000ml @ 200 liter of water per acre.

Mustard: As there are no chances of rainfall so one irrigation is needed at 50-60 days old plants. To meet the deficiency of Sulphur apply 200 gram sulphur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. **Alternaria:** To control Alternaria spray Mancozeb 50 WP @ 2 gram/lit of water after 50-70 days after transplanting.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenofos @ 2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 liter water.
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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://imdagrimet.gov.in/imdproject/AGIndex.php	

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