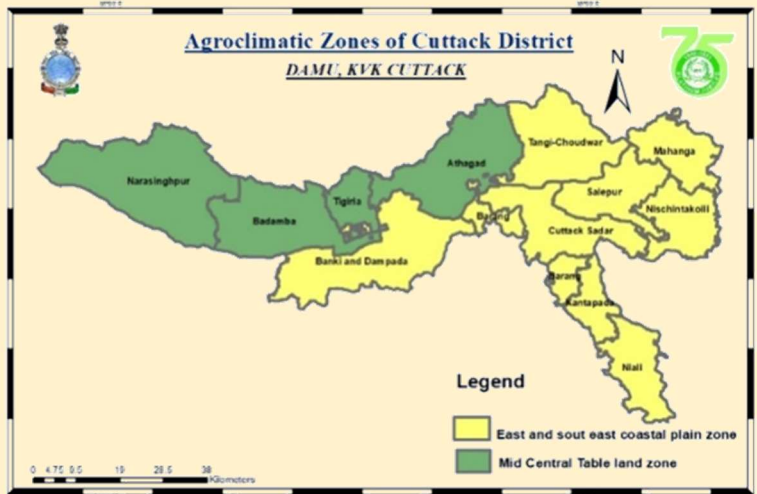




# *Cuttack District Block Wise Agro-met Advisory Service Bulletin*

*Tuesday, 21<sup>st</sup> January, 2025  
 (For the period 21<sup>st</sup> to 25<sup>th</sup> January,  
 2025)*



*Issued by  
 District Agromet Unit,  
 KrishiVigyan Kendra Cuttack*





**STANDARD PRECIPITATION INDEX AND NDVI MAP**

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p><b>As per SPI value (cumulative 4weeks -19 December, 2024 to 15 January, 2025), extremely wet condition was there in Cuttack district.</b></p>	<p><b>According to NDVI map (06.01.2025 to 12.01.2025) the agriculture vigor was very light to light over most places of Cuttack district.</b></p>

<b>LEGEND (Medium range block level rainfall forecast)</b>		
[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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Bulletin No.-549  
Date- 21/01/2025

**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	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

Dr Sujata Sethy  
(Nodal officer)



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				<b>Powdery Mildew</b>
9	<b>Mango</b>	<b>Vegetative to Flowering</b>		<b>Mango hooper</b>
10	<b>Papaya</b>	<b>Fruting stage</b>		<b>Mealy bug</b>

**Dr Sujata Sethy**  
(Nodal officer)



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**Bulletin No.-549**  
**Date- 21/01/2025**

**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 26.14°C (-0.14) and 13.85°C (-1.17), respectively. The mean relative humidity was 69-82%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> January (8.30IST)2025**

**Weather advisory:** Dry weather is forecasted for upcoming 5days in the block. The day temperature will be 31-33°C and night temperature will be 16-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-87% and 16-23% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	21/01/2025	22/01/2025	23/01/2025	24/01/2025	25/01/2025
Rainfall (mm)	00	00	00	00	00
T-Max (°C)	31	32	32	33	33
T-Min (°C)	16	16	17	18	19
Cloud Cover (octa)	0	0	1	1	1
RH Max (%)	74	85	85	79	87
RH Min (%)	16	21	23	21	18
Wind Speed (kmph)	6	2	2	2	6
Wind Direction (deg)	318	307	243	284	337

**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 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.-549**  
**Date- 21/01/2025**

**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 26.14°C (-0.14) and 13.85°C (-1.17), respectively. The mean relative humidity was 69-82%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> January (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 16-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 53-73% and 15-22% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	21/01/2025	22/01/2025	23/01/2025	24/01/2025	25/01/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	31	31	31	33	33
T-Min(°C)	16	17	18	18	18
Cloud Cover(octa)	0	0	1	2	1
RH Max (%)	53	71	73	69	66
RH Min (%)	15	19	22	20	16
Wind Speed (Kmph)	4	2	2	2	5
Wind Direction (deg)	319	315	284	334	332

**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.-549**  
**Date- 21/01/2025**

**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 26.14°C (-0.14) and 13.85°C (-1.17), respectively. The mean relative humidity was 69-82%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> January (8.30IST)2025**

**Weather advisory; Dry weather is forecasted for upcoming 5days in the block.** The day temperature will be 31-33°C and night temperature will be 16-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-81% and 16-23% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	21/01/2025	22/01/2025	23/01/2025	24/01/2025	25/01/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	31	32	32	33	33
T-Min(°C)	16	17	17	18	19
Cloud Cover(octa)	0	0	1	1	1
RH Max (%)	67	81	80	77	79
RH Min (%)	16	20	23	21	17
Wind Speed (Kmph)	5	3	2	3	6
Wind Direction (deg)	312	310	0	276	320

**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.
- **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.-549**  
**Date- 21/01/2025**

**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 26.14°C (-0.14) and 13.85°C (-1.17), respectively. The mean relative humidity was 69-82%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> January (8.30IST)2025**

**Weather Advisory:** Dry weather is forecasted for upcoming 5days in the block. The day temperature will be 31-33°C and night temperature will be 16-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-81% and 16-23% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	21/01/2025	22/01/2025	23/01/2025	24/01/2025	25/01/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	31	32	32	33	33
T-Min(°C)	16	17	17	18	19
Cloud Cover(octa)	0	0	1	1	1
RH Max (%)	67	81	80	77	79
RH Min (%)	16	20	23	21	17
Wind Speed (Kmph)	5	3	2	3	6
Wind Direction (deg)	312	310	0	276	320

**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 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.-549**  
**Date- 21/01/2025**

**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 26.14°C (-0.14) and 13.85°C (-1.17), respectively. The mean relative humidity was 69-82%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> January (8.30IST)2025**

**Weatheradvisory:** *Dry weather is forecasted for upcoming 5days in the block.* The day temperature will be 31-33°C and night temperature will be 16-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-87% and 17-24% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	21/01/2025	22/01/2025	23/01/2025	24/01/2025	25/01/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	31	32	32	33	33
T-Min(°C)	16	17	18	19	19
Cloud Cover	0	0	1	1	1
RH Max (%)	77	87	87	82	86
RH Min (%)	17	22	24	22	18
Wind Speed (Kmph)	6	2	2	3	5
Wind Direction (deg)	318	297	243	278	335

**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.-549**  
**Date- 21/01/2025**

**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 26.14°C (-0.14) and 13.85°C (-1.17), respectively. The mean relative humidity was 69-82%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> January (8.30IST)2025**

**Weather advisory; Dry weather is forecasted for upcoming 5days in the block.** The day temperature will be 31-33°C and night temperature will be 16-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-88% and 18-24% 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)				
	21/01/2025	22/01/2025	23/01/2025	24/01/2025	25/01/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	31	31	32	33	33
T-Min(°C)	16	17	18	20	19
Cloud Cover(octa)	0	0	1	1	1
RH Max (%)	80	88	87	85	87
RH Min (%)	18	22	24	22	19
Wind Speed (Kmph)	4	1	4	3	5
Wind Direction (deg)	319	304	233	256	356

**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 Bihar 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.-549**  
**Date- 21/01/2025**

**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 26.14°C (-0.14) and 13.85°C (-1.17), respectively. The mean relative humidity was 69-82%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> January (8.30IST)2025**

**Weather advisory: Dry weather is forecasted for upcoming 5days in the block.** The day temperature will be 31-33°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-89% and 19-26% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	21/01/2025	22/01/2025	23/01/2025	24/01/2025	25/01/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	31	32	32	33	33
T-Min(°C)	17	18	19	20	20
Cloud Cover(octa)	0	0	1	2	1
RH Max (%)	82	88	89	89	86
RH Min (%)	19	23	26	24	19
Wind Speed (Kmph)	4	3	5	5	5
Wind Direction (deg)	312	283	245	241	330

**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.-549**  
**Date- 21/01/2025**

**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 26.14°C (-0.14) and 13.85°C (-1.17), respectively. The mean relative humidity was 69-82%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> January (8.30IST)2025**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be and it will be 31-33°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-88% and 19-25% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	21/01/2025	22/01/2025	23/01/2025	24/01/2025	25/01/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	31	31	32	33	33
T-Min(°C)	17	18	19	20	20
Cloud Cover(octal)	0	0	1	1	1
RH Max (%)	80	87	88	85	83
RH Min (%)	19	23	25	23	20
Wind Speed (Kmph)	4	4	6	5	6
Wind Direction (deg)	308	276	243	258	349

**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.-549**  
**Date- 21/01/2025**

**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 26.14°C (-0.14) and 13.85°C (-1.17), respectively. The mean relative humidity was 69-82%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> January (8.30IST)2025**

**Weatheradvisory:** Dry weather is forecasted for upcoming 5days in the block. The day temperature will be 32-34°C and night temperature will be 16-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 49-69% and 15-20% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	21/01/2025	22/01/2025	23/01/2025	24/01/2025	25/01/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	32	32	32	34	33
T-Min(°C)	16	16	17	18	18
Cloud Cover(/octa)	0	0	1	1	1
RH Max (%)	49	67	69	62	53
RH Min (%)	15	17	20	18	15
Wind Speed (Kmph)	3	1	1	1	4
Wind Direction (deg)	311	315	225	342	326

**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 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.-549**  
**Date- 21/01/2025**

**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 26.14°C (-0.14) and 13.85°C (-1.17), respectively. The mean relative humidity was 69-82%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> January (8.30IST)2025**

**Weather advisory: Dry weather is forecasted for upcoming 5days in the block.** The day temperature will be 31-33°C and night temperature will be 17-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-90% and 22-34% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	<b>Niali(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)</b>				
Date	21/01/2025	22/01/2025	23/01/2025	24/01/2025	25/01/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	31	31	31	32	33
T-Min(°C)	17	18	19	21	20
Cloud Cover(octa)	0	0	1	2	1
RH Max (%)	82	85	89	90	86
RH Min (%)	22	31	34	31	24
Wind Speed(Kmph)	4	4	6	5	4
Wind Direction(deg)	312	280	252	243	290

**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.-549  
Date- 21/01/2025**

**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 26.14°C (-0.14) and 13.85°C (-1.17), respectively. The mean relative humidity was 69-82%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> January (8.30IST)2025**

**Weatheradvisory: Dry weather is forecasted for upcoming 5days in the block.** The day temperature will be 31-33°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-88% and 19-25% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	21/01/2025	22/01/2025	23/01/2025	24/01/2025	25/01/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	31	31	32	33	33
T-Min(°C)	17	18	19	20	20
Cloud Cover(octa)	0	0	1	1	1
RH Max (%)	80	87	88	86	84
RH Min (%)	19	23	25	23	20
Wind Speed (Kmph)	4	4	6	5	6
Wind Direction (deg)	308	276	243	258	349

**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 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 Chlorantranilprole 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.-549**  
**Date- 21/01/2025**

**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 26.14°C (-0.14) and 13.85°C (-1.17), respectively. The mean relative humidity was 69-82%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> January (8.30IST)2025**

**Weather advisory:** Dry weather is forecasted for upcoming 5days in the block. The day temperature will be 31-33°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-88% and 18-25% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	21/01/2025	22/01/2025	23/01/2025	24/01/2025	25/01/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	31	32	32	33	33
T-Min(°C)	17	18	19	20	20
Cloud Cover(octa)	0	0	1	1	1
RH Max (%)	81	87	88	86	85
RH Min (%)	18	22	25	23	20
Wind Speed (Kmph)	4	3	6	5	6
Wind Direction (deg)	312	276	243	257	349

**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 Bihar 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.-549**  
**Date- 21/01/2025**

**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 26.14°C (-0.14) and 13.85°C (-1.17), respectively. The mean relative humidity was 69-82%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> January (8.30IST)2025**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-31°C and night temperature will be 18-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-87% and 34-43% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	21/01/2025	22/01/2025	23/01/2025	24/01/2025	25/01/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	29	29	29	31	30
T-Min(°C)	18	19	20	21	21
Cloud Cover(octa)	0	0	1	2	1
RH Max (%)	79	82	84	87	85
RH Min (%)	36	39	43	40	34
Wind Speed (Kmph)	6	7	6	7	7
Wind Direction (deg)	301	295	0	264	291

**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.-549**  
**Date- 21/01/2025**

**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 26.14°C (-0.14) and 13.85°C (-1.17), respectively. The mean relative humidity was 69-82%.

**Forecasted period: Today(8.30IST) to 26<sup>th</sup> January (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 16-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-81% and 17-23% 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)				
	21/01/2025	22/01/2025	23/01/2025	24/01/2025	25/01/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	31	31	32	33	33
T-Min(°C)	16	16	18	18	19
Cloud Cover(octa)	0	0	1	1	1
RH Max (%)	63	80	81	73	81
RH Min (%)	17	20	23	20	18
Wind Speed (Kmph)	5	2	1	2	6
Wind Direction (deg)	326	315	326	334	332

**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:**

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Bulletin No.-549  
Date- 21/01/2025

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

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

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

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