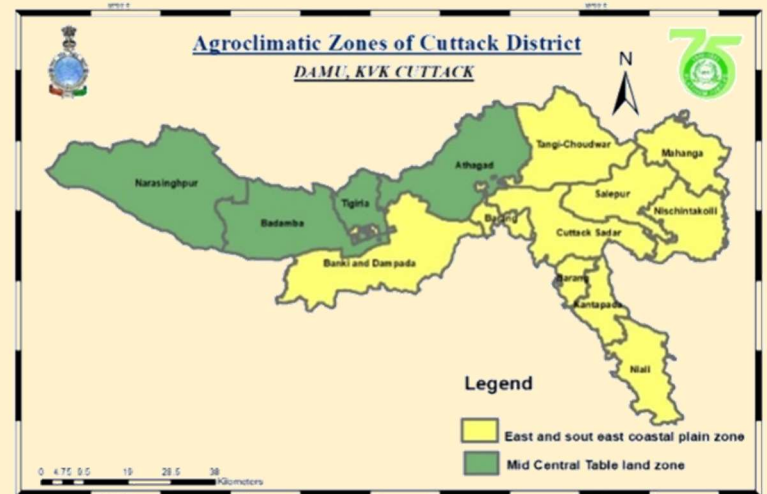




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Tuesday, 18th February, 2025
(For the period 18th to 22nd February, 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>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% Dist, 0% Area 1.50 to < 2.00 (Very Dry): 0% Dist, 0% Area 1.00 to < 1.50 (Moderately Dry): 0% Dist, 0% Area 0.50 to < 1.00 (Dry): 0% Dist, 0% Area 0.00 to < 0.50 (Near Normal): 0% Dist, 0% Area -0.50 to < 0.00 (Wet): 0% Dist, 0% Area -1.00 to < -0.50 (Very Wet): 0% Dist, 0% Area < -1.50 (Extremely Wet): 0% Dist, 0% Area 	<p>NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 6 (05.02.2025 to 11.02.2025) over Agricultural region</p> <p>Odisha</p> <ul style="list-style-type: none"> -0.999 - 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 moderate 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 (05.02.2025 to 11.02.2025) the agriculture vigor was very light to light over most places of Cuttack district.</p>

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



















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Bulletin No.-553
Date- 18/02/2025

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		Powdery Mildew
				Flea beetles
				Leaf crinkle virus
2	Mustard	Vegetative stage to flowering		Powdery Mildew
				White Rust
				Painted Bug
				Aphid
3	Rabi Groundnut	Vegetative stage to flowering		Thrips
				Spodotera/Tobacco caterpillar
4	Vegetables (Tomato,Chilli, Brinjal)	Vegetative to fruiting		Mites
				Chili Aphid
5	Tomato	Flowering to Fruting		Late blight
				White fly
				Flower drop

Dr Sujata Sethy
(Nodal officer)



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6	Potato	Sprouting/Vegetative stage		Potato tuber moth
				Late blight
7	Onion	Flowering		Purple blotch
				Stemphyllium Blight
7	Cabbage and Cauliflower	Vegetative to Flowering		Diamond back moth
8	Mango	Vegetative to Flowering		Mango hooper
				Mealy Bug
				Powdery Mildew
9	Papaya	Fruting stage		Mealy bug

Dr Sujata Sethy
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Bulletin No.-553
Date- 18/02/2025

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 32.57°C (+0.77) and 18.83°C (+0.96), respectively. The mean relative humidity was 57-86%.

Forecasted period: Today(8.30IST) to 23rd February (8.30IST)2025

Weather advisory: *Verylight to rainfall/Thundershower is forecasted in between Thursday to Saturday and dryweather is forecasted for today & tomorrow in the block.* The day temperature will be 33-38°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-95% and 15-48% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	18/02/2025	19/02/2025	20/02/2025	21/02/2025	22/02/2025
Rainfall (mm)	00	00	07	03	08
T-Max (°C)	38	37	36	36	33
T-Min (°C)	22	23	23	22	23
Cloud Cover (octa)	0	2	2	1	5
RH Max (%)	94	94	95	91	86
RH Min (%)	15	30	38	33	48
Wind Speed (kmph)	8	16	15	13	11
Wind Direction (deg)	180	169	146	158	180

Agromet Advisory

General advisory: *Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be paused on Thursday to Saturday as there will be rainfall/Thundershower is forecasted.*

Pulses:

Forecasted 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. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval.

Rabi-Groundnut:

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. forecasted warm and dry days with low RH favours infestation of **thrips**, to control 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 Tobacco 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: To meet the deficiency of Sulfar applies 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water.

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.

- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress in past, deficiency of boron or due to hormonal disbalance flower drop occurs.** Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control **white fly** Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acidamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit of water.
- **Potato:** **Farmers are advised to start earthing-up in potato if crop has attained a height of 15-22 cm. If so required, the practice may be repeated after 15 days.** 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:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition. There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval
- **Fruits:** To control **mealy bug infestation in papaya, guava, mango** wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying
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. Cloudy and foggy weather may aggravate the infestation of **powdery mildew** in Mango. Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9% EC per litre water for controlling Powdery mildew before floral initiation.

Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-553
Date- 18/02/2025

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 32.57°C (+0.77) and 18.83°C (+0.96), respectively. The mean relative humidity was 57-86%.

Forecasted period: Today(8.30IST) to 23rd February (8.30IST)2025

Weather advisory: *Verylight to rainfall/Thundershower is forecasted in between Thursday to Saturday and dryweather is forecasted for today & tomorrow in the block.* The day temperature will be 34-40°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-96% and 14-46% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	18/02/2025	19/02/2025	20/02/2025	21/02/2025	22/02/2025
Rainfall(mm)	00	00	08	03	08
T-Max(°C)	40	38	37	37	34
T-Min(°C)	23	23	23	23	24
Cloud Cover(octa)	0	1	0	1	5
RH Max (%)	94	95	96	93	87
RH Min (%)	14	28	37	34	46
Wind Speed (Kmph)	6	13	14	12	11
Wind Direction (deg)	165	162	135	162	124

Agromet Advisory

General advisory: Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be paused on Thursday to Saturday as there will be rainfall/Thundershower is forecasted.

Pulses:

Forecasted 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. There may be chances of leaf crinkle disease infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval.

Rabi-Groundnut:

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. forecasted warm and dry days with low RH favours infestation of thrips, to control 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 Tobacco 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: To meet the deficiency of Sulfar applies 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. To control white rust disease in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water.

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.

Tomato:

Transplanted seedlings are at 6-8 week stage in main field. Due to water stress in past, deficiency of boron or due to hormonal disbalance flower drop occurs. Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control white fly Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acetamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit of water.

Potato: Farmers are advised to start earthing-up in potato if crop has attained a height of 15-22 cm. If so required, the practice may be repeated after 15 days. 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: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development. Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition. There are chances of purple blotch and Stemphyllium blight disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval

Fruits: To control mealy bug infestation in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying

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. Cloudy and foggy weather may aggravate the infestation of powdery mildew in Mango. Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9% EC per litre water for controlling Powdery mildew before floral initiation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-553
Date- 18/02/2025

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 32.57°C (+0.77) and 18.83°C (+0.96), respectively. The mean relative humidity was 57-86%.

Forecasted period: Today(8.30IST) to 23rd February (8.30IST)2025

Weather advisory: Verylight to rainfall/Thundershower is forecasted in between Thursday to Saturday and dryweather is forecasted for today & tomorrow in the block. The day temperature will be 33-39°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-95% and 16-49% 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	18/02/2025	19/02/2025	20/02/2025	21/02/2025	22/02/2025
Rainfall(mm)	00	00	06	02	10
T-Max(°C)	39	37	36	37	33
T-Min(°C)	23	24	23	23	24
Cloud Cover(octa)	0	1	0	1	5
RH Max (%)	93	94	95	93	86
RH Min (%)	16	31	41	34	49
Wind Speed (Kmph)	8	16	15	13	11
Wind Direction (deg)	180	167	135	162	199

Agromet Advisory

General advisory: Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be paused on Thursday to Saturday as there will be rainfall/Thundershower is forecasted.

Pulses:

Forecasted 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. There may be chances of leaf crinkle disease infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval.

Rabi-Groundnut:

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. forecasted warm and dry days with low RH favours infestation of thrips, to control 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 Tobacco 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: To meet the deficiency of Sulfar applies 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. To control white rust disease in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water.

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.

Tomato:

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Potato: Farmers are advised to start earthing-up in potato if crop has attained a height of 15-22 cm. If so required, the practice may be repeated after 15 days. 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: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development. Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition. There are chances of purple blotch and Stemphyllium blight disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval

Fruits: To control mealy bug infestation in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying

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. Cloudy and foggy weather may aggravate the infestation of powdery mildew in Mango. Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew before floral initiation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-553
Date- 18/02/2025

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 32.57°C (+0.77) and 18.83°C (+0.96), respectively. The mean relative humidity was 57-86%.

Forecasted period: Today(8.30IST) to 23rd February (8.30IST)2025

Weather Advisory: Verylight to rainfall/Thundershower is forecasted in between Thursday to Saturday and dryweather is forecasted for today & tomorrow in the block. The day temperature will be 33-39°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-95% and 16-50% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	18/02/2025	19/02/2025	20/02/2025	21/02/2025	22/02/2025
Rainfall(mm)	00	00	06	02	10
T-Max(°C)	39	37	36	36	33
T-Min(°C)	23	24	23	23	24
Cloud Cover(octa)	0	1	0	1	5
RH Max (%)	93	94	95	93	85
RH Min (%)	16	32	41	34	50
Wind Speed (Kmph)	9	16	15	13	11
Wind Direction (deg)	180	167	135	162	199

Agromet Advisory

General advisory: Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be paused on Thursday to Saturday as there will be rainfall/Thundershower is forecasted.

Pulses:

Forecasted 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. There may be chances of leaf crinkle disease infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval.

Rabi-Groundnut:

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. forecasted warm and dry days with low RH favours infestation of thrips, to control 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 Tobacco 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: To meet the deficiency of Sulfar applies 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. To control white rust disease in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water.

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.

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Due to water stress in past, deficiency of boron due to hormonal disbalance flower drop occurs. Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control white fly Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acetamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit of water.
- Potato:** Farmers are advised to start earthing-up in potato if crop has attained a height of 15-22 cm. If so required, the practice may be repeated after 15 days. 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:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development. Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition. There are chances of purple blotch and Stemphyllium blight disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval
- Fruits:** To control mealy bug infestation in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying
- 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. Cloudy and foggy weather may aggravate the infestation of powdery mildew in Mango. Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9% EC per litre water for controlling Powdery mildew before floral initiation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-553
Date- 18/02/2025

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 32.57°C (+0.77) and 18.83°C (+0.96), respectively. The mean relative humidity was 57-86%.

Forecasted period: Today(8.30IST) to 23rd February (8.30IST)2025

Weather advisory: Verylight to rainfall/Thundershower is forecasted in between Thursday to Saturday and dryweather is forecasted for today & tomorrow in the block. The day temperature will be 32-37°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-93% and 21-46% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	18/02/2025	19/02/2025	20/02/2025	21/02/2025	22/02/2025
Rainfall(mm)	00	00	03	02	08
T-Max(°C)	37	36	35	35	32
T-Min(°C)	22	23	22	22	23
Cloud Cover	0	2	0	1	6
RH Max (%)	93	91	93	92	85
RH Min (%)	21	33	38	33	46
Wind Speed (Kmph)	12	16	14	12	11
Wind Direction (deg)	199	198	124	155	165

Agromet Advisory

General advisory: Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be paused on Thursday to Saturday as there will be rainfall/Thundershower is forecasted.

Pulses:

Forecasted 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. There may be chances of leaf crinkle disease infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval.

Rabi-Groundnut:

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. forecasted warm and dry days with low RH favours infestation of thrips, to control 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 Tobacco 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: To meet the deficiency of Sulfur applies 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. To control white rust disease in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water.

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.

- Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Due to water stress in past, deficiency of boron due to hormonal disbalance flower drop occurs. Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control white fly Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acetamiprid 1 ml/lit of water or Diapenthiuron 12.5 gram/ 15 lit of water.
- Potato:** Farmers are advised to start earthing-up in potato if crop has attained a height of 15-22 cm. If so required, the practice may be repeated after 15 days. 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:** Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development. Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition. There are chances of purple blotch and Stemphyllium blight disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval
- Fruits:** To control mealy bug infestation in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying
- 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. Cloudy and foggy weather may aggravate the infestation of powdery mildew in Mango. Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9% EC per litre water for controlling Powdery mildew before floral initiation.

Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-553
Date- 18/02/2025

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 32.57°C (+0.77) and 18.83°C (+0.96), respectively. The mean relative humidity was 57-86%.

Forecasted period: Today(8.30IST) to 23rd February (8.30IST)2025

Weather advisory: Verylight to rainfall/Thundershower is forecasted in between Thursday to Saturday and dryweather is forecasted for today & tomorrow in the block. The day temperature will be 32-38°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-94% and 17-47% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/02/2025	19/02/2025	20/02/2025	21/02/2025	22/02/2025
Rainfall(mm)	00	00	04	01	09
T-Max(°C)	38	36	36	36	32
T-Min(°C)	22	23	23	22	23
Cloud Cover(octa)	0	1	0	1	5
RH Max (%)	94	93	94	90	87
RH Min (%)	17	31	37	32	47
Wind Speed (Kmph)	10	16	14	12	11
Wind Direction (deg)	198	197	124	158	158

Agromet Advisory

General advisory: Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be paused on Thursday to Saturday as there will be rainfall/Thundershower is forecasted.

Pulses:

Forecasted 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. There may be chances of leaf crinkle disease infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval.

Rabi-Groundnut:

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. forecasted warm and dry days with low RH favours infestation of thrips, to control 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 Tobacco 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: To meet the deficiency of Sulfar applies 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. To control white rust disease in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water.

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.

Tomato:

Transplanted seedlings are at 6-8 week stage in main field. Due to water stress in past, deficiency of boron or due to hormonal disbalance flower drop occurs. Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control white fly Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acidamiprid 1 ml/lit of water or Diafenthion 12.5 gram/ 15 lit of water.

Potato: Farmers are advised to start earthing-up in potato if crop has attained a height of 15-22 cm. If so required, the practice may be repeated after 15 days. 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: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development. Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition. There are chances of purple blotch and Stemphyllium blight disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval

Fruits: To control mealy bug infestation in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying

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. Cloudy and foggy weather may aggravate the infestation of powdery mildew in Mango. Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9% EC per litre water for controlling Powdery mildew before floral initiation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-553
Date- 18/02/2025

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 32.57°C (+0.77) and 18.83°C (+0.96), respectively. The mean relative humidity was 57-86%.

Forecasted period: Today(8.30IST) to 23rd February (8.30IST)2025

Weather advisory: Verylight to rainfall/Thundershower is forecasted in between Thursday to Saturday and dryweather is forecasted for today & tomorrow in the block. The day temperature will be 33-36°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-91% and 29-42% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	18/02/2025	19/02/2025	20/02/2025	21/02/2025	22/02/2025
Rainfall(mm)	00	00	03	01	08
T-Max(°C)	36	35	34	35	33
T-Min(°C)	23	23	23	22	23
Cloud Cover(octa)	0	0	0	1	6
RH Max (%)	90	88	90	91	83
RH Min (%)	29	36	40	34	42
Wind Speed (Kmph)	14	16	13	11	10
Wind Direction (deg)	203	198	161	155	195

Agromet Advisory

General advisory: Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be paused on Thursday to Saturday as there will be rainfall/Thundershower is forecasted.

Pulses:

Forecasted 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. There may be chances of leaf crinkle disease infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval.

Rabi-Groundnut:

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. forecasted warm and dry days with low RH favours infestation of thrips, to control 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 Tobacco 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: To meet the deficiency of Sulfar applies 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. To control white rust disease in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water.

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.

Tomato:

Transplanted seedlings are at 6-8 week stage in main field. Due to water stress in past, deficiency of boron or due to hormonal disbalance flower drop occurs. Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control white fly Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acetamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit of water.

Potato: Farmers are advised to start earthing-up in potato if crop has attained a height of 15-22 cm. If so required, the practice may be repeated after 15 days. 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: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development. Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition. There are chances of purple blotch and Stemphyllium blight disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval

Fruits: To control mealy bug infestation in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying

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. Cloudy and foggy weather may aggravate the infestation of powdery mildew in Mango. Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9% EC per litre water for controlling Powdery mildew before floral initiation.

Dr Sujata Sethy
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Bulletin No.-553
Date- 18/02/2025

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 32.57°C (+0.77) and 18.83°C (+0.96), respectively. The mean relative humidity was 57-86%.

Forecasted period: Today(8.30IST) to 23rd February (8.30IST)2025

Weather advisory: *Verylight to rainfall/Thundershower is forecasted in between Thursday to Saturday and dryweather is forecasted for today & tomorrow in the block.* The day temperature will be and it will be 33-37°C and night temperature will be 23°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-92% and 21-40% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	18/02/2025	19/02/2025	20/02/2025	21/02/2025	22/02/2025
Rainfall(mm)	00	00	05	03	10
T-Max(°C)	37	36	35	36	33
T-Min(°C)	23	23	23	23	23
Cloud Cover(octal)	0	1	0	2	6
RH Max (%)	92	90	91	85	86
RH Min (%)	21	33	38	33	40
Wind Speed (Kmph)	11	14	13	11	11
Wind Direction (deg)	203	189	158	162	200

Agromet Advisory

General advisory: *Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be paused on Thursday to Saturday as there will be rainfall/Thundershower is forecasted.*

Pulses:

Forecasted 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. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval.

Rabi-Groundnut:

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. forecasted warm and dry days with low RH favours infestation of **thrips**, to control 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 Tobacco 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: To meet the deficiency of Sulfar applies 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water.

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.

Tomato:

Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress in past, deficiency of boron or due to hormonal disbalance flower drop occurs.** Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control **white fly** Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acetamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit of water.

Potato: **Farmers are advised to start earthing-up in potato if crop has attained a height of 15-22 cm. If so required, the practice may be repeated after 15 days.** 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: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition. There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval

Fruits: To control **mealy bug infestation in papaya, guava, mango** wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying

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. Cloudy and foggy weather may aggravate the infestation of **powdery mildew** in Mango. Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9% EC per litre water for controlling Powdery mildew before floral initiation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-553
Date- 18/02/2025

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 32.57°C (+0.77) and 18.83°C (+0.96), respectively. The mean relative humidity was 57-86%.

Forecasted period: Today(8.30IST) to 23rd February (8.30IST)2025

Weather advisory: *Verylight to rainfall/Thundershower is forecasted in between Thursday to Saturday and dryweather is forecasted for today & tomorrow in the block.* The day temperature will be 35-41°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-98% and 15-43% 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	18/02/2025	19/02/2025	20/02/2025	21/02/2025	22/02/2025
Rainfall(mm)	00	00	07	03	08
T-Max(°C)	41	40	38	38	35
T-Min(°C)	23	24	24	23	24
Cloud Cover(octa)	0	1	1	1	5
RH Max (%)	96	97	98	96	87
RH Min (%)	15	24	31	33	43
Wind Speed (Kmph)	4	8	10	10	10
Wind Direction (deg)	158	161	135	180	150

Agromet Advisory

General advisory: *Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be paused on Thursday to Saturday as there will be rainfall/Thundershower is forecasted.*

Pulses:

Forecasted 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. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval.

Rabi-Groundnut:

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. forecasted warm and dry days with low RH favours infestation of **thrips**, to control 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 Tobacco 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: To meet the deficiency of Sulfar applies 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water.

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.

Tomato:

Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress in past, deficiency of boron due to hormonal disbalance flower drop occurs.** Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control **white fly** Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acetamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit of water.

Potato: Farmers are advised to start earthing-up in potato if crop has attained a height of 15-22 cm. If so required, the practice may be repeated after 15 days. 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: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition. There are chances of **purple blotch and Stemphylium blight** disease incidence in onion crop. To manage purple blotch and Stemphylium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval

Fruits: To control **mealy bug infestation** in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying

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. Cloudy and foggy weather may aggravate the infestation of **powdery mildew** in Mango. Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9% EC per litre water for controlling Powdery mildew before floral initiation.

Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-553
Date- 18/02/2025

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 32.57°C (+0.77) and 18.83°C (+0.96), respectively. The mean relative humidity was 57-86%.

Forecasted period: Today(8.30IST) to 23rd February (8.30IST)2025

Weather advisory: Verylight to rainfall/Thundershower is forecasted in between Thursday to Saturday and dryweather is forecasted for today & tomorrow in the block. The day temperature will be 33-35°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-89% and 37-42% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/02/2025	19/02/2025	20/02/2025	21/02/2025	22/02/2025
Rainfall(mm)	00	00	03	01	08
T-Max(°C)	35	34	33	34	33
T-Min(°C)	24	24	24	23	24
Cloud Cover(octa)	0	0	0	1	6
RH Max (%)	88	86	88	89	80
RH Min (%)	38	39	42	37	42
Wind Speed(Kmph)	15	16	13	11	11
Wind Direction(deg)	203	198	156	155	199

Agromet Advisory

General advisory: Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be paused on Thursday to Saturday as there will be rainfall/Thundershower is forecasted.

Pulses:

Forecasted 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. There may be chances of leaf crinkle disease infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval.

Rabi-Groundnut:

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. forecasted warm and dry days with low RH favours infestation of thrips, to control 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 Tobacco 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: To meet the deficiency of Sulfur applies 200 gram sulfur per acre. Powdery Mildew: Spray Sulfex 2 gram/lit. To control white rust disease in mustard, spray Copper oxychloride @ 3g per litre of water. Painted bug and Aphid attack may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water.

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.

Tomato:

Transplanted seedlings are at 6-8 week stage in main field. Due to water stress in past, deficiency of boron or due to hormonal disbalance flower drop occurs. Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage late blight in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control white fly Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acidamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit of water.

Potato: Farmers are advised to start earthing-up in potato if crop has attained a height of 15-22 cm. If so required, the practice may be repeated after 15 days. 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: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development. Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition. There are chances of purple blotch and Stemphyllium blight disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval

Fruits: To control mealy bug infestation in papaya, guava, mango wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying

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. Cloudy and foggy weather may aggravate the infestation of powdery mildew in Mango. Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew before floral initiation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-553
Date- 18/02/2025

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 32.57°C (+0.77) and 18.83°C (+0.96), respectively. The mean relative humidity was 57-86%.

Forecasted period: Today(8.30IST) to 23rd February (8.30IST)2025

Weather advisory: *Verylight to rainfall/Thundershower is forecasted in between Thursday to Saturday and dryweather is forecasted for today & tomorrow in the block.* The day temperature will be 33-37°C and night temperature will be 23°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-92% and 23-40% 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	18/02/2025	19/02/2025	20/02/2025	21/02/2025	22/02/2025
Rainfall(mm)	00	00	04	02	09
T-Max(°C)	37	36	35	35	33
T-Min(°C)	23	23	23	23	23
Cloud Cover(octa)	0	0	0	1	6
RH Max (%)	92	90	91	86	86
RH Min (%)	23	33	39	34	40
Wind Speed (Kmph)	12	15	13	11	10
Wind Direction (deg)	203	197	154	162	200

Agromet Advisory

General advisory: *Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be paused on Thursday to Saturday as there will be rainfall/Thundershower is forecasted.*

Pulses:

Forecasted 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. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval.

Rabi-Groundnut:

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. forecasted warm and dry days with low RH favours infestation of **thrips**, to control 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 Tobacco 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: To meet the deficiency of Sulfar applies 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water.

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.

Tomato:

Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress in past, deficiency of boron due to hormonal disbalance flower drop occurs.** Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control **white fly** Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acetamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit of water.

Potato: Farmers are advised to start earthing-up in potato if crop has attained a height of 15-22 cm. If so required, the practice may be repeated after 15 days. 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: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition. There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenoconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval

Fruits: To control **mealy bug infestation in papaya, guava, mango** wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying

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. Cloudy and foggy weather may aggravate the infestation of **powdery mildew** in Mango. Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9% EC per litre water for controlling Powdery mildew before floral initiation.

Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-553
Date- 18/02/2025

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 32.57°C (+0.77) and 18.83°C (+0.96), respectively. The mean relative humidity was 57-86%.

Forecasted period: Today(8.30IST) to 23rd February (8.30IST)2025

Weather advisory: *Verylight to rainfall/Thundershower is forecasted in between Thursday to Saturday and dryweather is forecasted for today & tomorrow in the block.* The day temperature will be 33-37°C and night temperature will be 23°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-92% and 21-41% 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	18/02/2025	19/02/2025	20/02/2025	21/02/2025	22/02/2025
Rainfall(mm)	00	00	04	02	09
T-Max(°C)	37	36	35	36	33
T-Min(°C)	23	23	23	23	23
Cloud Cover(octa)	0	0	0	1	6
RH Max (%)	92	90	91	87	86
RH Min (%)	21	33	38	34	41
Wind Speed (Kmph)	12	15	13	11	10
Wind Direction (deg)	203	200	153	162	197

Agromet Advisory

General advisory: *Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be paused on Thursday to Saturday as there will be rainfall/Thundershower is forecasted.*

Pulses:

Forecasted 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. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval.

Rabi-Groundnut:

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. forecasted warm and dry days with low RH favours infestation of **thrips**, to control 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 Tobacco 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: To meet the deficiency of Sulfar applies 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water.

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.

Tomato:

Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress in past, deficiency of boron or due to hormonal disbalance flower drop occurs.** Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control **white fly** Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acetamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit of water.

Potato: **Farmers are advised to start earthing-up in potato if crop has attained a height of 15-22 cm. If so required, the practice may be repeated after 15 days.** 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: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition. There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval

Fruits: To control **mealy bug infestation in papaya, guava, mango** wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying

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. Cloudy and foggy weather may aggravate the infestation of **powdery mildew** in Mango. Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9% EC per litre water for controlling Powdery mildew before floral initiation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-553
Date- 18/02/2025

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 32.57°C (+0.77) and 18.83°C (+0.96), respectively. The mean relative humidity was 57-86%.

Forecasted period: Today(8.30IST) to 23rd February (8.30IST)2025

Weather advisory: Verylight to rainfall/Thundershower is forecasted in between Thursday to Saturday and dryweather is forecasted for today & tomorrow in the block. The day temperature will be 33-37°C and night temperature will be 23°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-86% and 45-51% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/02/2025	19/02/2025	20/02/2025	21/02/2025	22/02/2025
Rainfall(mm)	00	00	06	02	09
T-Max(°C)	37	36	35	36	33
T-Min(°C)	23	23	23	23	23
Cloud Cover(octa)	0	0	0	1	5
RH Max (%)	84	85	86	84	77
RH Min (%)	48	45	51	47	49
Wind Speed (Kmph)	17	16	13	11	14
Wind Direction (deg)	203	198	161	171	195

Agromet Advisory

General advisory: Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be paused on Thursday to Saturday as there will be rainfall/Thundershower is forecasted.

Pulses:

Forecasted 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. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval.

Rabi-Groundnut:

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. forecasted warm and dry days with low RH favours infestation of **thrips**, to control 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 Tobacco 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: To meet the deficiency of Sulfar applies 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water.

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.

Tomato:

Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress in past, deficiency of boron or due to hormonal disbalance flower drop occurs.** Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. To control **white fly** Spray Imidacloprid (18.7% S.L) 0.8 ml/lit of water or Acetamiprid 1 ml/lit of water or Diafenthiuron 12.5 gram/ 15 lit of water.

Potato: Farmers are advised to start earthing-up in potato if crop has attained a height of 15-22 cm. If so required, the practice may be repeated after 15 days. 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: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.** Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition. There are chances of **purple blotch and Stemphyllium blight** disease incidence in onion crop. To manage purple blotch and Stemphyllium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval

Fruits: To control **mealy bug infestation in papaya, guava, mango** wet the soil near the root zone of the plant with Chlorpyrifos @ 4 ml per litre of water and spray the same insecticide on plant @ 2 ml per litre of water; do not pluck fruits within 15 days of spraying

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. Cloudy and foggy weather may aggravate the infestation of **powdery mildew** in Mango. Spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9% EC per litre water for controlling Powdery mildew before floral initiation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-553
Date- 18/02/2025

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 32.57°C (+0.77) and 18.83°C (+0.96), respectively. The mean relative humidity was 57-86%.

Forecasted period: Today(8.30IST) to 23rd February (8.30IST)2025

Weather advisory: *Verylight to rainfall/Thundershower is forecasted in between Thursday to Saturday and dryweather is forecasted for today & tomorrow in the block.* Thedaytemperature will be 33-38°C and night temperature will be 22-23°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 87-95% and 15-47% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Tigiria(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	18/02/2025	19/02/2025	20/02/2025	21/02/2025	22/02/2025
Rainfall(mm)	00	00	06	03	08
T-Max(°C)	38	37	36	36	33
T-Min(°C)	22	23	23	23	23
Cloud Cover(octa)	0	2	2	2	5
RH Max (%)	94	95	95	91	87
RH Min (%)	15	28	38	33	47
Wind Speed (Kmph)	7	15	15	13	11
Wind Direction (deg)	158	161	146	158	117

Agro met Advisory

General advisory: *Farmers should undertake field preparation for cultivation of different summer vegetables like sponge gourd, bottle gourd, pumpkin, water melon, musk melon etc. If seedlings are already raised in polythene bags; transplant in main field @ 2-3 seedlings per pit. Irrigation should be paused on Thursday to Saturday as there will be rainfall/Thundershower is forecasted.*

Pulses:

Forecasted 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. There may be chances of **leaf crinkle disease** infestation due to past foggy and cold conditions. To manage the insect vector of the disease like whitefly and aphid spray Thiamethoxam 25% W. G@ 40 gram/acre or Acetamidprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litre of water in 15 days interval.

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Mustard: To meet the deficiency of Sulfar applies 200 gram sulfur per acre. **Powdery Mildew:** Spray Sulfex 2 gram/lit. To control **white rust disease** in mustard, spray Copper oxychloride @ 3g per litre of water. **Painted bug and Aphid attack** may take place in mustard crop, apply Thiamethoxam 25% WG @ 3g per 10 litres of water.

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.

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Potato: Farmers are advised to start earthing-up in potato if crop has attained a height of 15-22 cm. If so required, the practice may be repeated after 15 days. 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.

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Bulletin No.-553
Date- 18/02/2025

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

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

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