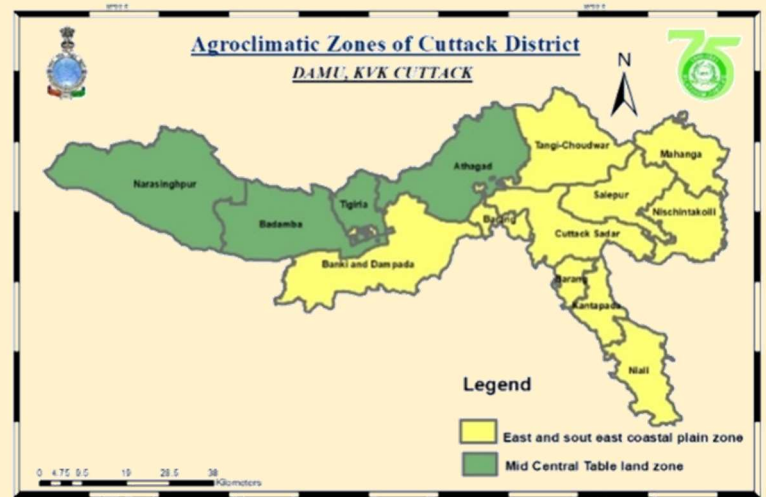




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 28th February, 2025
 (For the period 28th February 04th
 March, 2025)*

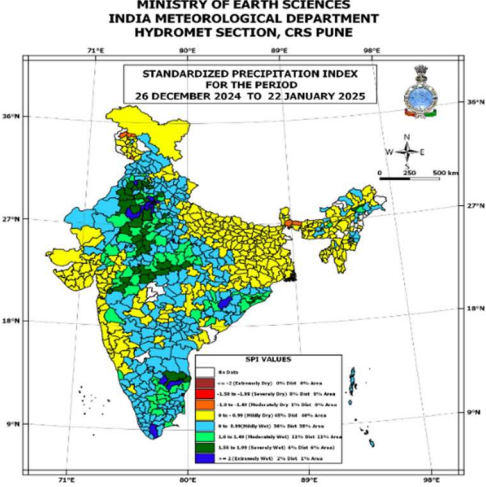


*Issued by
 District Agromet Unit,
 KrishiVigyan Kendra Cuttack*





STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
 <p align="center">MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CRS PUNE</p> <p align="center">STANDARDIZED PRECIPITATION INDEX FOR THE PERIOD 26 DECEMBER 2024 TO 22 JANUARY 2025</p> <p align="center">Odisha</p> <p align="center">NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 7 (12.02.2025 to 18.02.2025) over Agricultural region</p> <p align="center">Agriculture vigour is moderate at isolated places of the state.</p>	<p align="center">As per SPI value (cumulative 4weeks -26 December, 2024 to 22 January, 2025), moderately wet condition was there in Cuttack district.</p>
	<p align="center">According to NDVI map (12.02.2025 to 18.02.2025) the agriculture vigor was moderate over Narasinghpur, Badamba, Tigiria, Banki and Banki Dampada and light over other 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



DrRanjan Kumar Mohanta
(Nodal officer)

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Bulletin No.-556
Date- 28/02/2025

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)	Flowering to pod development		Anthracnose
				Cercospora leaf spot
				YMV
2	Mustard	Flowering to maturity		Saw Fly
				Leaf webber
3	Rabi Groundnut	Flowering to maturity		Spodotera/Tobacco caterpillar
6	Tomato	Flowering to Fruting		Late blight
				Bacterial Canker
				Sun burn
				Flower drop
				Bacterial wilt
7	Potato	Flowering to fruiting stage		Potato tuber moth
				Cut worm

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Bulletin No.-556
Date- 28/02/2025

8	Onion	Flowering		Purple blight
				Stemphylium Blight
10	Mango	Flowering		Mango hooper
				Thrips



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Bulletin No.-556
Date- 28/02/2025

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 01 mm and district received average 0.43 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-2.13) and 20.57°C (+1.55), respectively. The mean relative humidity was 65-90%.

Forecasted period: Today(8.30IST) to 05th March (8.30IST)2025

Weather advisory: Dry weather is forecasted for next 5days in the block. The day temperature will be 34-37°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-98% and 12-19% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/02/2025	01/03/2025	02/03/2025	03/03/2025	04/03/2025
Rainfall (mm)	00	00	00	00	00
T-Max (°C)	34	35	37	36	35
T-Min (°C)	21	21	22	22	23
Cloud Cover (octa)	0	0	3	4	4
RH Max (%)	79	63	77	98	96
RH Min (%)	19	16	12	16	19
Wind Speed (kmph)	10	13	8	8	10
Wind Direction (deg)	195	203	180	113	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, fertilizer and pesticide application should be resumed as there will clear sky for upcoming 5 days.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercopersa leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodo lure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litre water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due deficiency of boron due to hormonal disbalance flower drop occurs.**

Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

• **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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

• **Onion:** 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.

• **Cucutbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.

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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree. For **thrips** control, spraying of Acephate @1.5 g /litre of water is advocated.

• **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage.

Mushroom: Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.



DrRanjan Kumar Mohanta
 (Nodal officer)

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Bulletin No.-556
Date- 28/02/2025

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 0.43 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-2.13) and 20.57°C (+1.55), respectively. The mean relative humidity was 65-90%.

Forecasted period: Today(8.30IST) to 05th March (8.30IST)2025

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be 34-37°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 55-97% and 12-18% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/02/2025	01/03/2025	02/03/2025	03/03/2025	04/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	34	35	37	37	36
T-Min(°C)	20	21	22	22	22
Cloud Cover(octa)	0	0	3	3	4
RH Max (%)	71	55	67	97	94
RH Min (%)	18	15	12	14	16
Wind Speed (Kmph)	9	12	7	7	9
Wind Direction (deg)	189	203	225	360	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, fertilizer and pesticide application should be resumed as there will clear sky for upcoming 5 days.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercopsera leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodo lure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due deficiency of boron or due to hormonal disbalance flower drop occurs.**

Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

• **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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

• **Onion:** 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.

• **Cucurbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.

• **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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree. For **thrips** control, spraying of Acephate @ 1.5 g /litre of water is advocated.

• **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage.

Mushroom: Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.



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 (Nodal officer)

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Bulletin No.-556
Date- 28/02/2025

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 0.43 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-2.13) and 20.57°C (+1.55), respectively. The mean relative humidity was 65-90%.

Forecasted period: Today(8.30IST) to 05th March (8.30IST)2025

Weather advisory; Dry weather is forecasted for next 5 days in the block. The day temperature will be 34-38°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-98% and 13-20% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	28/02/2025	01/03/2025	02/03/2025	03/03/2025	04/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	34	35	37	38	36
T-Min(°C)	21	21	21	22	22
Cloud Cover(octa)	0	0	3	3	4
RH Max (%)	77	64	74	98	95
RH Min (%)	20	16	13	15	19
Wind Speed (Kmph)	11	13	9	8	11
Wind Direction (deg)	189	206	180	153	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, fertilizer and pesticide application should be resumed as there will clear sky for upcoming 5 days.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercopsera leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodolure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litre water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due deficiency of boron due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

• **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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

• **Onion:** 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.

• **Cucurbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.

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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree. For **thrips** control, spraying of Acephate @1.5 g /litre of water is advocated.

• **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage.

Mushroom: Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.



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Bulletin No.-556
Date- 28/02/2025

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 0.43 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-2.13) and 20.57°C (+1.55), respectively. The mean relative humidity was 65-90%.

Forecasted period: Today(8.30IST) to 05th March (8.30IST)2025

Weather Advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be 34-38°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-98% and 13-20% 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)				
	28/02/2025	01/03/2025	02/03/2025	03/03/2025	04/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	34	35	37	38	36
T-Min(°C)	21	21	21	22	22
Cloud Cover(octa)	0	0	3	4	4
RH Max (%)	78	65	75	98	95
RH Min (%)	20	16	13	15	19
Wind Speed (Kmph)	11	13	9	8	11
Wind Direction (deg)	189	206	180	153	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, fertilizer and pesticide application should be resumed as there will clear sky for upcoming 5 days.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercopsera leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodo lure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml lthofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due deficiency of boron or due to hormonal disbalance flower drop occurs.**

Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

• **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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

• **Onion:** 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.

• **Cucutbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm @ 5ml/litre of water at initial stages and at later stages spray Acephate @ 1g/litre of water.

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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree. For **thrips** control, spraying of Acephate @ 1.5 g /litre of water is advocated.

• **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage.

• **Mushroom:** Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.



DrRanjan Kumar Mohanta
(Nodal officer)

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GRAMIN KRISHI MAUSAM SEWA
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DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
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Bulletin No.-556
Date- 28/02/2025

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 0.43 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-2.13) and 20.57°C (+1.55), respectively. The mean relative humidity was 65-90%.

Forecasted period: Today(8.30IST) to 05th March (8.30IST)2025

Weather advisory: *Dry weather is forecasted for next 5 days in the block.* The day temperature will be 34-37°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-98% and 14-27% 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)				
Date	28/02/2025	01/03/2025	02/03/2025	03/03/2025	04/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	34	35	37	37	35
T-Min(°C)	22	22	22	23	23
Cloud Cover	0	0	3	4	4
RH Max (%)	86	75	82	98	98
RH Min (%)	24	19	14	18	27
Wind Speed (Kmph)	12	15	11	7	12
Wind Direction (deg)	193	207	207	90	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, fertilizer and pesticide application should be resumed as there will clear sky for upcoming 5 days.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercopsera leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodo lure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litre water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due deficiency of boron due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

• **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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

• **Onion:** 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.

• **Cucutbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.

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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree. For **thrips** control, spraying of Acephate @1.5 g /litre of water is advocated.

• **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage.

• **Mushroom:** Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.



DrRanjan Kumar Mohanta
 (Nodal officer)

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Bulletin No.-556
Date- 28/02/2025

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 01 mm and district received average 0.43 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-2.13) and 20.57°C (+1.55), respectively. The mean relative humidity was 65-90%.

Forecasted period: Today(8.30IST) to 05th March (8.30IST)2025

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be 34-36°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-98% and 13-24% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/02/2025	01/03/2025	02/03/2025	03/03/2025	04/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	34	35	36	36	34
T-Min(°C)	22	22	22	23	23
Cloud Cover(octa)	0	0	3	4	4
RH Max (%)	85	71	82	98	98
RH Min (%)	20	18	13	18	24
Wind Speed (Kmph)	11	14	10	8	11
Wind Direction (deg)	200	207	203	113	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, fertilizer and pesticide application should be resumed as there will clear sky for upcoming 5 days.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercopsera leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodo lure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litre water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due deficiency of boron due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

• **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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

• **Onion:** 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.

• **Cucutbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.

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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree. For **thrips** control, spraying of Acephate @1.5 g /litre of water is advocated.

• **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage.

Mushroom: Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.



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Bulletin No.-556
Date- 28/02/2025

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 0.43 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-2.13) and 20.57°C (+1.55), respectively. The mean relative humidity was 65-90%.

Forecasted period: Today(8.30IST) to 05th March (8.30IST)2025

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be 33-36°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-98% and 17-36% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/02/2025	01/03/2025	02/03/2025	03/03/2025	04/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	33	34	36	36	34
T-Min(°C)	22	22	22	23	24
Cloud Cover(octa)	0	0	3	2	4
RH Max (%)	89	80	85	97	98
RH Min (%)	29	22	17	23	36
Wind Speed (Kmph)	12	15	14	9	12
Wind Direction (deg)	198	203	203	163	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, fertilizer and pesticide application should be resumed as there will clear sky for upcoming 5 days.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercopsora leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodo lure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due deficiency of boron due to hormonal disbalance flower drop occurs.**

Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

• **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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

• **Onion:** 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 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.

• **Cucutbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.

• **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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree. For **thrips** control, spraying of Acephate @ 1.5 g /litre of water is advocated.

• **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage.

Mushroom: Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.



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Bulletin No.-556
Date- 28/02/2025

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 0.43 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-2.13) and 20.57°C (+1.55), respectively. The mean relative humidity was 65-90%.

Forecasted period: Today(8.30IST) to 05th March (8.30IST)2025

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be and it will be 34-36°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-98% and 15-31% 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)				
	28/02/2025	01/03/2025	02/03/2025	03/03/2025	04/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	34	35	36	35	34
T-Min(°C)	22	21	22	23	23
Cloud Cover(octal)	0	0	3	3	5
RH Max (%)	87	76	86	97	98
RH Min (%)	23	22	15	22	31
Wind Speed (Kmph)	11	15	11	8	12
Wind Direction (deg)	199	204	234	198	203

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, fertilizer and pesticide application should be resumed as there will clear sky for upcoming 5 days.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercopsora leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodo lure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due deficiency of boron due to hormonal disbalance flower drop occurs.**

Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

• **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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

• **Onion:** 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 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.

• **Cucutbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.

• **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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree. For **thrips** control, spraying of Acephate @ 1.5 g /litre of water is advocated.

• **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage.

Mushroom: Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.



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Bulletin No.-556
Date- 28/02/2025

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 0.3 mm and district received average 0.43 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-2.13) and 20.57°C (+1.55), respectively. The mean relative humidity was 65-90%.

Forecasted period: Today(8.30IST) to 05th March (8.30IST)2025

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be 34-38°C and night temperature will be 19-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 47-95% and 12-15% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/02/2025	01/03/2025	02/03/2025	03/03/2025	04/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	34	35	38	37	35
T-Min(°C)	19	20	21	20	21
Cloud Cover(/octa)	0	0	2	1	4
RH Max (%)	66	47	59	91	95
RH Min (%)	15	14	12	13	15
Wind Speed (Kmph)	7	8	5	6	7
Wind Direction (deg)	195	203	165	349	162

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, fertilizer and pesticide application should be resumed as there will clear sky for upcoming 5 days.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthracoese and Cercopersa leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodo lure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due deficiency of boron or due to hormonal disbalance flower drop occurs.**

Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

- **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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.
- **Onion:** 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.
- **Cucurbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.
- **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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree. For **thrips** control, spraying of Acephate @ 1.5 g /litre of water is advocated.
- **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage.
- **Mushroom:** Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.



DrRanjan Kumar Mohanta
 (Nodal officer)

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Bulletin No.-556
Date- 28/02/2025

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 0.43 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-2.13) and 20.57°C (+1.55), respectively. The mean relative humidity was 65-90%.

Forecasted period: Today(8.30IST) to 05th March (8.30IST)2025

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be 33-36°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-98% and 20-45% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/02/2025	01/03/2025	02/03/2025	03/03/2025	04/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	33	34	36	35	33
T-Min(°C)	22	22	22	23	24
Cloud Cover(octa)	0	0	2	2	4
RH Max (%)	89	82	86	97	98
RH Min (%)	33	26	20	30	45
Wind Speed(Kmph)	13	16	15	10	13
Wind Direction(deg)	201	204	203	199	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, fertilizer and pesticide application should be resumed as there will clear sky for upcoming 5 days.

Pulses: November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercopsera leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodo lure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litre water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due deficiency of boron due to hormonal disbalance flower drop occurs.**

Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

• **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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

• **Onion:** 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.

• **Cucurbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.

• **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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree. For **thrips** control, spraying of Acephate @1.5 g /litre of water is advocated.

• **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage.

• **Mushroom:** Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.



DrRanjan Kumar Mohanta
 (Nodal officer)

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Bulletin No.-556
Date- 28/02/2025

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

The block received average 01 mm and district received average 0.43 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-2.13) and 20.57°C (+1.55), respectively. The mean relative humidity was 65-90%.

Forecasted period: Today(8.30IST) to 05th March (8.30IST)2025

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be 34-37°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-98% and 15-33% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/02/2025	01/03/2025	02/03/2025	03/03/2025	04/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	34	35	37	36	34
T-Min(°C)	22	22	22	23	23
Cloud Cover(octa)	0	0	3	3	4
RH Max (%)	88	79	86	97	98
RH Min (%)	25	22	15	22	33
Wind Speed (Kmph)	11	15	12	7	12
Wind Direction (deg)	198	204	206	191	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, fertilizer and pesticide application should be resumed as there will clear sky for upcoming 5 days.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercopsera leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodolure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litre water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due deficiency of boron due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

• **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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

• **Onion:** 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.

• **Cucurbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.

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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree. For **thrips** control, spraying of Acephate @1.5 g /litre of water is advocated.

• **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage.

• **Mushroom:** Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.



DrRanjan Kumar Mohanta
 (Nodal officer)

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Bulletin No.-556
Date- 28/02/2025

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 02 mm and district received average 0.43 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-2.13) and 20.57°C (+1.55), respectively. The mean relative humidity was 65-90%.

Forecasted period: Today(8.30IST) to 05th March (8.30IST)2025

Weather advisory: Dry weather is forecasted for next 5days in the block. The day temperature will be 34-36°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-98% and 15-31% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	28/02/2025	01/03/2025	02/03/2025	03/03/2025	04/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	34	35	36	36	34
T-Min(°C)	22	22	22	23	23
Cloud Cover(octa)	0	0	3	3	4
RH Max (%)	88	77	85	97	98
RH Min (%)	24	22	15	21	31
Wind Speed (Kmph)	11	15	12	7	12
Wind Direction (deg)	198	204	206	180	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, fertilizer and pesticide application should be resumed as there will clear sky for upcoming 5 days.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercopsora leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodo lure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due deficiency of boron or due to hormonal disbalance flower drop occurs.**

Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

• **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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

• **Onion:** 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.

• **Cucutbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.

• **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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree. For **thrips** control, spraying of Acephate @ 1.5 g /litre of water is advocated.

• **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage.

Mushroom: Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.



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Bulletin No.-556
Date- 28/02/2025

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 01 mm and district received average 0.43 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-2.13) and 20.57°C (+1.55), respectively. The mean relative humidity was 65-90%.

Forecasted period: Today(8.30IST) to 05th March (8.30IST)2025

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be 33-35°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-96% and 31-54% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/02/2025	01/03/2025	02/03/2025	03/03/2025	04/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	33	34	35	35	33
T-Min(°C)	24	24	24	25	25
Cloud Cover(octa)	0	0	2	1	4
RH Max (%)	86	82	88	94	96
RH Min (%)	41	37	31	40	54
Wind Speed (Kmph)	15	18	18	12	14
Wind Direction (deg)	225	225	204	199	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, fertilizer and pesticide application should be resumed as there will clear sky for upcoming 5 days.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercopersa leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodo lure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due deficiency of boron or due to hormonal disbalance flower drop occurs.**

Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

• **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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

• **Onion:** 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.

• **Cucutbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.

• **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. Spray Alpha Naphthyl Acetic Acid 4.5% SL @ 4.5 ml in 10 litre of water when tender fruits are in pea size. With the help of ring method of irrigation apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate at each tree. For **thrips** control, spraying of Acephate @1.5 g /litre of water is advocated.

• **Cashew:** Prevailing conditions are suitable for the incidence of Tea mosquito bug. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage.

Mushroom: Initiate cultivation of paddy straw mushroom. As dry weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.



DrRanjan Kumar Mohanta
(Nodal officer)

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DISTRICT AGROMET UNIT
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Bulletin No.-556
Date- 28/02/2025

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 0.43 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-2.13) and 20.57°C (+1.55), respectively. The mean relative humidity was 65-90%.

Forecasted period: Today(8.30IST) to 05th March (8.30IST)2025

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be 34-37°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-98% and 13-18% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	28/02/2025	01/03/2025	02/03/2025	03/03/2025	04/03/2025
Rainfall(mm)	00	00	00	00	00
T-Max(°C)	34	35	37	37	36
T-Min(°C)	21	21	22	22	22
Cloud Cover(octa)	0	0	3	4	4
RH Max (%)	74	58	71	98	94
RH Min (%)	18	16	13	15	18
Wind Speed (Kmph)	10	12	8	8	10
Wind Direction (deg)	195	203	203	90	165

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, fertilizer and pesticide application should be resumed as there will clear sky for upcoming 5 days.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage.

In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water. There may be chances of infestation of **Anthraxnose and Cercopsera leaf spot** in Pulses. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. Do irrigation in the field based upon soil moisture. Due to abrupt rise and fall in temperature, there is possibility of attack of **Tobacco caterpillar** (Spodoptera litura). The forecasted weather is also favourable for its proliferation. This is a polyphagous pest. So following integrated approach should be started. Use Pheromone trap using Spodolure to monitor adult population of the insect. In case of appearance of the caterpillar, prepare poison bait with 1 kg rice bran+ 200g jaggery/gur+20-25g Cartap Hydrochloride +Water. Keep the bait at 20-25 different places in the affected field.

Mustard: present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litre water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due deficiency of boron due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn. **Bacterial wilt** may be reported in tomato field, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

• **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 **cut worm** in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C (Lethal-505/Super D) @ 400 ml/acre by mixing it in 200 litre of water.

• **Onion:** 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.

• **Cucurbits:** The current weather is favorable for attack of **red pumpkin beetle** in Cucumber & Bitter gourd. To control it spray Neem based pesticide 300ppm@5ml/litre of water at initial stages and at later stages spray Acephate@1g/litre of water.

Fruits:

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

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

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



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