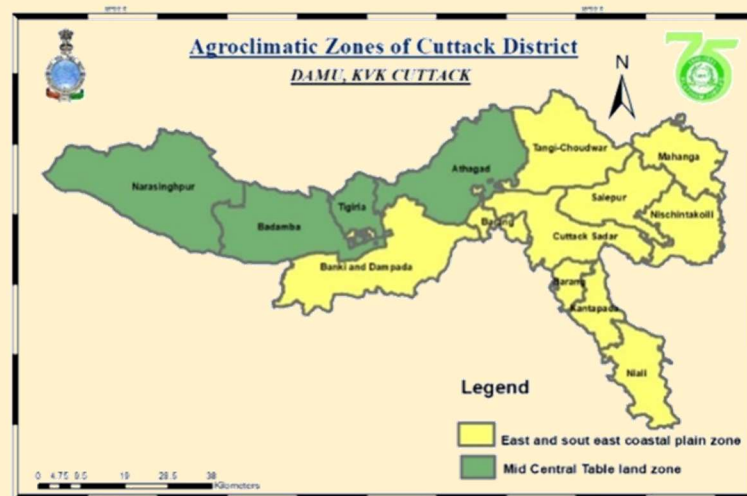




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 20th January, 2023
(For the period 20th to 24th January, 2023)*



*Issued by
District Agromet Unit,
KrishiVigyan Kendra Cuttack*





GRAMIN KRISHI MAUSAM SEWA
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Bulletin No.-367
Date- 20/01/2023

STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p>Standardised Precipitation Index for the period 22nd December 2022 to 18th January 2023</p> <p>MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CRS PUNE</p> <p>STANDARDIZED PRECIPITATION INDEX FOR THE PERIOD 22 DEC 2022 TO 18 JAN 2023</p> <p>SPI VALUES</p> <ul style="list-style-type: none"> < -2 (Extremely Dry) -1.50 to -1.99 (Extremely Dry) -1.0 to -1.49 (Moderately Dry) -0.5 to -0.99 (Mid Dry) 0 to 0.49 (Mid Wet) 0.5 to 0.99 (Moderately Wet) 1.0 to 1.49 (Extremely Wet) 1.50 to 1.99 (Extremely Wet) > 2 (Extremely Wet) Not Data 	<p>NOAA/VIIIRS/BLENDED NDVI Composite ending on Week no 02 (08.01.2023 to 14.01.2023) over Agricultural region</p> <p>Odisha</p> <p>Agriculture vigour is good over isolated places of the state.</p> <p>Legend:</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>As per SPI value (cumulative 4weeks -22 December2022 to 18 January 2023), mildly dry condition was there in Cuttack district.</p>	<p>According to NDVI map (08.01.2023 to 14.01.2023) the agriculture vigor was light over maximum eastern blocksandlight to moderate western blocks 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

Dr Sujata Sethy
(Nodal officer)



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Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427

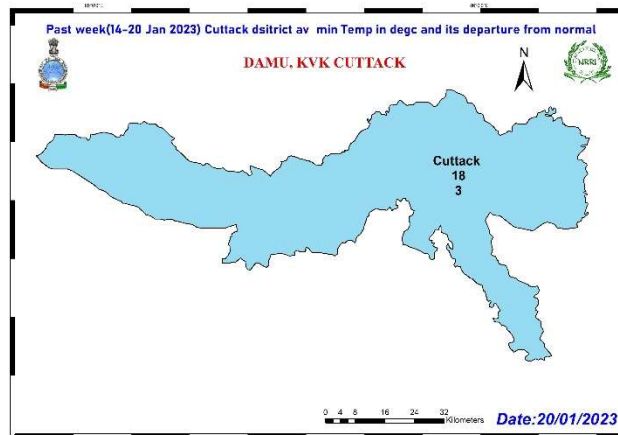
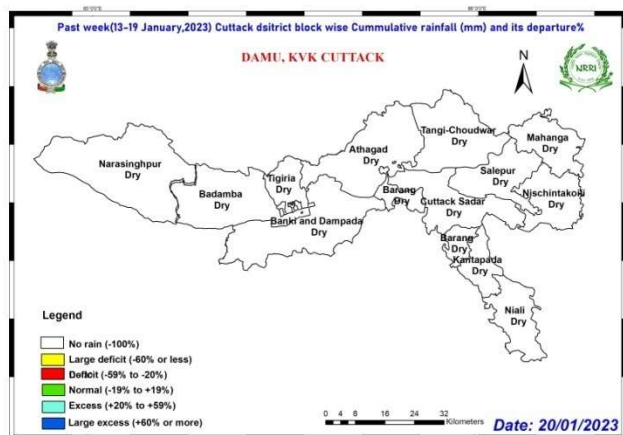


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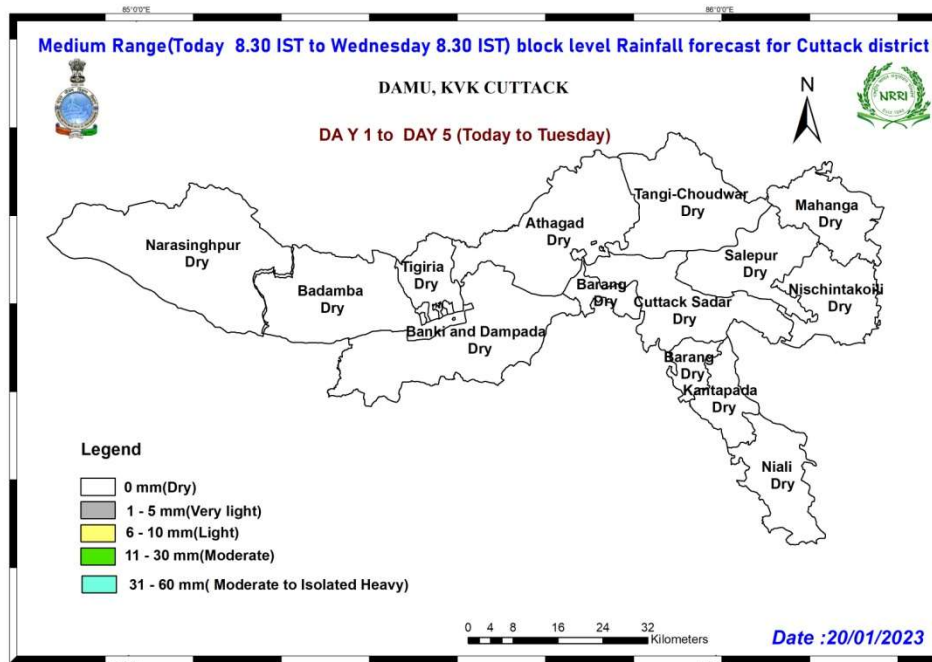


Bulletin No.-367
Date- 20/01/2023

Past week (13-19 Jan, 2023) cumulative rainfall departure% from normal and (14-20 Jan, 2023) average minimum temperature and its departure from normal for Cuttack district



Medium range (Today (8.30IST) to Wednesday (8.30IST)) Rainfall (mm) forecast for Cuttack district



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 (Nodal officer)



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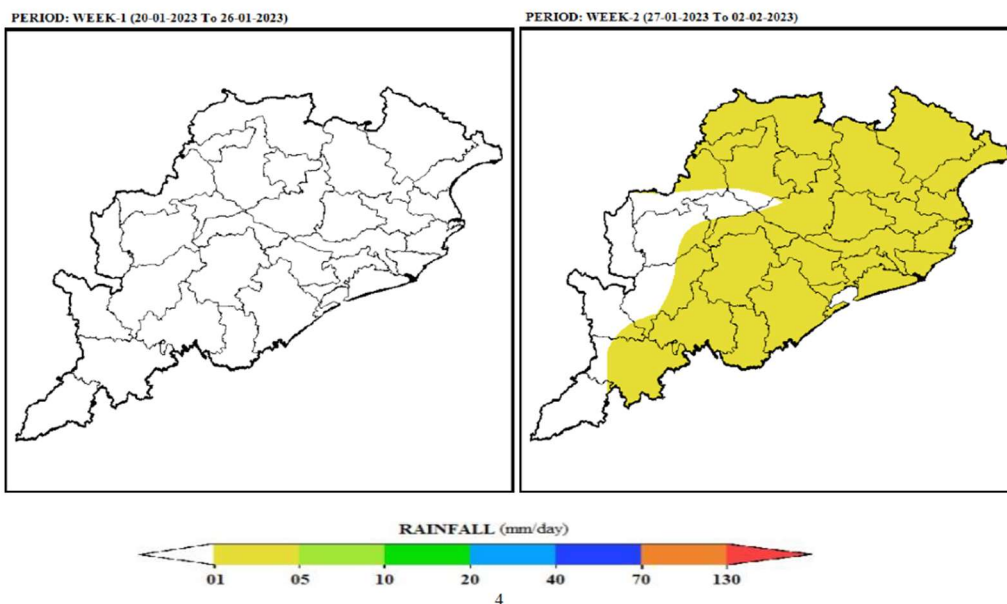


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EXTENDED RANGE RAINFALL FORECAST

FORECAST RAINFALL (MM/DAY)



As per extended range outlook there will be dry weather is forecasted in first week and **scattered light to moderate rainfall is forecasted in the 2nd week(27th Jan-02nd Feb, 2023) for Odisha condition**, So Farmers are advised to make their safe storage of harvested paddy and other vegetables before the 2nd week. They should pause fertilizer and pesticide application in the 2nd week.




















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Bulletin No.-367
Date- 20/01/2023

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		Aphid
				White fly
				Powdery mildew
2	Mustard	Vegetative stage to flowering		Aphid
				Saw fly
				Leaf webber
				Stink Bug
3	Rabi Groundnut	Vegetative stage to flowering		Tikka disease
				Aphid and Mites
4	Vegetables (Tomato, Chilli, Brinjal)	Vegetative to fruiting		Thrips
				Mites
				Chili Aphid
6	Tomato	Flowering to Fruting		Leaf Curl virus
7	Potato	Sprouting/Vegetative stage		Leaf Blight
				Aphid

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8	Cole crops (Cauliflower and cabbage)	Vegetative to fruiting		Leaf eating catterpillar
				Aphid
				Fruit borer
				Diamond back moth
				Tobacco Caterpillar

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Bulletin No.-367
Date- 20/01/2023

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.7°C (0 from normal) and 17.8°C (2.8 from normal), respectively. The mean relative humidity was 68-91%.

Forecasted period: Today(8.30IST) to 25th January(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-31°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-91% and 20-31% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/01/2023	21/01/2023	22/01/2023	23/01/2023	24/01/2023
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	29	30	31	30	31
T-Min (°C)	18	18	18	19	19
Cloud Cover (octa)	1	1	1	1	4
RH Max (%)	91	83	67	63	73
RH Min (%)	31	26	20	22	21
Wind Speed (kmph)	4	5	7	7	8
Wind Direction (deg)	155	135	161	135	117

Agromet Advisory

General Advisory: As dense fog has occurred over isolated places in past 4-5 days and also likely to occur in next 2 days, so farmers are advised to monitor potato, tomato and onion crops for incidence of early/late blight disease and mustard for white rust, green and black gram crop for powdery mildew. If symptoms are noticed, apply recommended plant protection measures.

Pulses:

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

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

Rabi-Groundnut:

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

Farmers are advised to do intercultivation and apply Gypsum @ 200 kg/acre in Groundnut which is at flowering stage. To manage aphids and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. To manage tikka disease in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre water.

Mustard: As dry weather is needed after sowing of mustard, so farmers should complete sowing of Mustard in between upcoming 5 days and should pause the sowing in next week.

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of Aphid and stink bug infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-litre of water. To manage Mustard sawfly and leaf webbers spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Current weather is favourable for attack of Cabbage webber and tobacco caterpillar in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. Leaf eating caterpillar and fruit borer may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit. of water per acre crop. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control tomato leaf curl virus in field, Spray Imidacloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting.
- **Potato:** There are chances of Leaf Blight disease incidence in potato crop. To manage early leaf blight in potato, spray Mancozeb 75% WP @ 600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-367
Date- 20/01/2023

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.7°C (0 from normal) and 17.8°C (2.8 from normal), respectively. The mean relative humidity was 68-91%.

Forecasted period: Today(8.30IST) to 25th January(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-31°C and night temperature will be 17-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-94% and 20-31% 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)				
Date	20/01/2023	21/01/2023	22/01/2023	23/01/2023	24/01/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	30	30	30	31
T-Min(°C)	17	17	18	18	18
Cloud Cover(octa)	2	1	1	1	3
RH Max (%)	94	83	62	58	72
RH Min (%)	31	26	20	21	20
Wind Speed (Kmph)	5	5	7	7	7
Wind Direction (deg)	158	158	161	161	135

Agromet Advisory

General Advisory: As dense fog has occurred over isolated places in past 4-5 days and also likely to occur in next 2 days, so farmers are advised to monitor potato, tomato and onion crops for incidence of early/late blight disease and mustard for white rust, green and black gram crop for powdery mildew. If symptoms are noticed, apply recommended plant protection measures.

Pulses:

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

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

Rabi-Groundnut:

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

Farmers are advised to do intercultivation and apply Gypsum @ 200 kg/ acre in Groundnut which is at flowering stage. To manage aphids and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. To manage tikka disease in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre water.

Mustard: As dry weather is needed after sowing of mustard, so farmers should complete sowing of Mustard in between upcoming 5 days and should pause the sowing in next week.

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of Aphid and stink bug infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-litre of water. To manage Mustard sawfly and leaf webbers spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Current weather is favourable for attack of Cabbage webber and tobacco caterpillar in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. Leaf eating caterpillar and fruit borer may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit. of water per acre crop. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control tomato leaf curl virus in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting.
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- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-367
Date- 20/01/2023

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.7°C (0 from normal) and 17.8°C (2.8 from normal), respectively. The mean relative humidity was 68-91%.

Forecasted period: Today(8.30IST) to 25th January(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-31°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-92% and 21-32% 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	20/01/2023	21/01/2023	22/01/2023	23/01/2023	24/01/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	30	30	30	31
T-Min(°C)	18	18	18	19	18
Cloud Cover(octa)	1	1	1	1	3
RH Max (%)	92	83	67	62	74
RH Min (%)	32	26	21	22	21
Wind Speed (Kmph)	5	6	8	7	8
Wind Direction (deg)	158	180	161	161	135

Agromet Advisory

General Advisory: As dense fog has occurred over isolated places in past 4-5 days and also likely to occur in next 2 days, so farmers are advised to monitor potato, tomato and onion crops for incidence of early/late blight disease and mustard for white rust, green and black gram crop for powdery mildew. If symptoms are noticed, apply recommended plant protection measures.

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Bulletin No.-367
Date- 20/01/2023

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPADA

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.7°C (0 from normal) and 17.8°C (2.8 from normal), respectively. The mean relative humidity was 68-91%.

Forecasted period: Today(8.30IST) to 25th January(8.30IST)2023

Weather Advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-31°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-91% and 21-31% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/01/2023	21/01/2023	22/01/2023	23/01/2023	24/01/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	30	30	30	31
T-Min(°C)	18	18	18	19	18
Cloud Cover(octa)	1	1	1	1	3
RH Max (%)	91	83	67	62	74
RH Min (%)	31	26	21	22	21
Wind Speed (Kmph)	5	5	8	7	8
Wind Direction (deg)	158	180	161	161	135

Agromet Advisory

General Advisory: As dense fog has occurred over isolated places in past 4-5 days and also likely to occur in next 2 days, so farmers are advised to monitor potato, tomato and onion crops for incidence of early/late blight disease and mustard for white rust, green and black gram crop for powdery mildew. If symptoms are noticed, apply recommended plant protection measures.

Pulses:

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

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

Rabi-Groundnut:

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

Farmers are advised to do intercultivation and apply Gypsum @ 200 kg/ acre in Groundnut which is at flowering stage. To manage aphids and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. To manage tikka disease in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre water.

Mustard: As dry weather is needed after sowing of mustard, so farmers should complete sowing of Mustard in between upcoming 5 days and should pause the sowing in next week.

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of Aphid and stink bug infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-litre of water. To manage Mustard sawfly and leaf Webbers spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Current weather is favourable for attack of Cabbage webber and tobacco caterpillar in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. Leaf eating caterpillar and fruit borer may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit. of water per acre crop. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control tomato leaf curl virus in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting.
- **Potato:** There are chances of Leaf Blight disease incidence in potato crop. To manage early leaf blight in potato, spray Mancozeb 75% WP @ 600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-367
Date- 20/01/2023

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.7°C (0 from normal) and 17.8°C (2.8 from normal), respectively. The mean relative humidity was 68-91%.

Forecasted period: Today(8.30IST) to 25th January(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-31°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-88% and 22-32% 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	20/01/2023	21/01/2023	22/01/2023	23/01/2023	24/01/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	30	30	30	31
T-Min(°C)	18	18	19	19	19
Cloud Cover	1	1	1	1	3
RH Max (%)	88	79	69	63	69
RH Min (%)	32	27	22	23	22
Wind Speed (Kmph)	5	6	8	8	9
Wind Direction (deg)	158	293	153	135	113

Agromet Advisory

General Advisory: As dense fog has occurred over isolated places in past 4-5 days and also likely to occur in next 2 days, so farmers are advised to monitor potato, tomato and onion crops for incidence of early/late blight disease and mustard for white rust, green and black gram crop for powdery mildew. If symptoms are noticed, apply recommended plant protection measures.

Pulses:

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

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

Rabi-Groundnut:

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

Farmers are advised to do intercultivation and apply Gypsum @ 200 kg/ acre in Groundnut which is at flowering stage. To manage aphids and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. To manage tikka disease in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre water.

Mustard: As dry weather is needed after sowing of mustard, so farmers should complete sowing of Mustard in between upcoming 5 days and should pause the sowing in next week.

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of Aphid and stink bug infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. To manage Mustard sawfly and leaf webbers spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Current weather is favourable for attack of Cabbage webber and tobacco caterpillar in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. Leaf eating caterpillar and fruit borer may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit. of water per acre crop. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control tomato leaf curl virus in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting.
- **Potato:** There are chances of Leaf Blight disease incidence in potato crop. To manage early leaf blight in potato, spray Mancozeb 75% WP @ 600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-367
Date- 20/01/2023

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.7°C (0 from normal) and 17.8°C (2.8 from normal), respectively. The mean relative humidity was 68-91%.

Forecasted period: Today(8.30IST) to 25th January(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-31°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-88% and 22-32% 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)				
Date	20/01/2023	21/01/2023	22/01/2023	23/01/2023	24/01/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	30	30	30	31
T-Min(°C)	18	18	19	20	19
Cloud Cover(octa)	1	1	1	1	4
RH Max (%)	88	79	66	62	68
RH Min (%)	32	27	22	22	22
Wind Speed (Kmph)	5	6	8	7	8
Wind Direction (deg)	75	75	153	135	75

Agromet Advisory

General Advisory: As dense fog has occurred over isolated places in past 4-5 days and also likely to occur in next 2 days, so farmers are advised to monitor potato, tomato and onion crops for incidence of early/late blight disease and mustard for white rust, green and black gram crop for powdery mildew. If symptoms are noticed, apply recommended plant protection measures.

Pulses:

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

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

Rabi-Groundnut:

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

Farmers are advised to do intercultivation and apply Gypsum @ 200 kg/ acre in Groundnut which is at flowering stage. To manage aphids and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. To manage **tikka** disease in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre water.

Mustard: As dry weather is needed after sowing of mustard, so farmers should complete sowing of Mustard in between upcoming 5 days and should pause the sowing in next week.

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid and stink bug** infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. To manage **Mustard sawfly** and **leaf Webbers** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the **sucking pests like aphid & white fly**, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit. of water per acre crop. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting.
- **Potato:** There are chances of Leaf Blight disease incidence in potato crop. To manage **early leaf blight** in potato, spray Mancozeb 75% WP @ 600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. **Irrigate the crop at 10 days interval.** Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-367
Date- 20/01/2023

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.7°C (0 from normal) and 17.8°C (2.8 from normal), respectively. The mean relative humidity was 68-91%.

Forecasted period: Today(8.30IST) to 25th January(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-31°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-86% and 23-35% 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)				
Date	20/01/2023	21/01/2023	22/01/2023	23/01/2023	24/01/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	30	30	30	31
T-Min(°C)	18	18	18	19	19
Cloud Cover(octa)	1	1	1	1	3
RH Max (%)	86	78	71	65	69
RH Min (%)	35	29	23	24	24
Wind Speed (Kmph)	6	7	8	8	9
Wind Direction (deg)	113	293	135	135	108

Agromet Advisory

General Advisory: As dense fog has occurred over isolated places in past 4-5 days and also likely to occur in next 2 days, so farmers are advised to monitor potato, tomato and onion crops for incidence of early/late blight disease and mustard for white rust, green and black gram crop for powdery mildew. If symptoms are noticed, apply recommended plant protection measures.

Pulses:

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

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

Rabi-Groundnut:

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

Farmers are advised to do intercultivation and apply Gypsum @ 200 kg/ acre in Groundnut which is at flowering stage. To manage aphids and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. To manage tikka disease in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre water.

Mustard: As dry weather is needed after sowing of mustard, so farmers should complete sowing of Mustard in between upcoming 5 days and should pause the sowing in next week.

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of Aphid and stink bug infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. To manage Mustard sawfly and leaf Webbers spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Current weather is favourable for attack of Cabbage webber and tobacco caterpillar in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. Leaf eating caterpillar and fruit borer may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit. of water per acre crop. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control tomato leaf curl virus in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting.
- **Potato:** There are chances of Leaf Blight disease incidence in potato crop. To manage early leaf blight in potato, spray Mancozeb 75% WP @ 600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

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Bulletin No.-367
Date- 20/01/2023

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.7°C (0 from normal) and 17.8°C (2.8 from normal), respectively. The mean relative humidity was 68-91%.

Forecasted period: Today(8.30IST) to 25th January(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be and it will be 28-31°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 59-82% and 23-34% 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)				
Date	20/01/2023	21/01/2023	22/01/2023	23/01/2023	24/01/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	29	30	31	31
T-Min(°C)	17	18	19	19	19
Cloud Cover(octal)	1	1	1	1	4
RH Max (%)	82	74	60	59	61
RH Min (%)	34	28	24	23	25
Wind Speed (Kmph)	6	6	8	7	9
Wind Direction (deg)	150	293	153	153	75

Agromet Advisory

General Advisory: As dense fog has occurred over isolated places in past 4-5 days and also likely to occur in next 2 days, so farmers are advised to monitor potato, tomato and onion crops for incidence of early/late blight disease and mustard for white rust, green and black gram crop for powdery mildew. If symptoms are noticed, apply recommended plant protection measures.

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water

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

Rabi-Groundnut:

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

Farmers are advised to do intercultivation and apply Gypsum @ 200 kg/ acre in Groundnut which is at flowering stage. To manage aphids and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. To manage tikka disease in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre water.

Mustard: As dry weather is needed after sowing of mustard, so farmers should complete sowing of Mustard in between upcoming 5 days and should pause the sowing in next week.

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of Aphid and stink bug infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. To manage Mustard sawfly and leaf webbers spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Current weather is favourable for attack of Cabbage webber and tobacco caterpillar in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. Leaf eating caterpillar and fruit borer may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit. of water per acre crop. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control tomato leaf curl virus in field, Spray Imidacloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting.
- **Potato:** There are chances of Leaf Blight disease incidence in potato crop. To manage early leaf blight in potato, spray Mancozeb 75% WP @ 600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-367
Date- 20/01/2023

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.7°C (0 from normal) and 17.8°C (2.8 from normal), respectively. The mean relative humidity was 68-91%.

Forecasted period: Today(8.30IST) to 25th January(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-31°C and night temperature will be 16-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 53-98% and 20-31% 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)				
Date	20/01/2023	21/01/2023	22/01/2023	23/01/2023	24/01/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	30	30	30	31
T-Min(°C)	17	16	17	17	17
Cloud Cover(octa)	3	1	1	1	3
RH Max (%)	98	84	55	53	67
RH Min (%)	31	27	20	20	20
Wind Speed (Kmph)	5	4	5	5	6
Wind Direction (deg)	154	162	171	165	150

Agromet Advisory

General Advisory: As dense fog has occurred over isolated places in past 4-5 days and also likely to occur in next 2 days, so farmers are advised to monitor potato, tomato and onion crops for incidence of early/late blight disease and mustard for white rust, green and black gram crop for powdery mildew. If symptoms are noticed, apply recommended plant protection measures.

Pulses:

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

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

Rabi-Groundnut:

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

Farmers are advised to do intercultivation and apply Gypsum @ 200 kg/ acre in Groundnut which is at flowering stage. To manage aphids and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. To manage tikka disease in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre water.

Mustard: As dry weather is needed after sowing of mustard, so farmers should complete sowing of Mustard in between upcoming 5 days and should pause the sowing in next week.

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of Aphid and stink bug infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. To manage Mustard sawfly and leaf Webbers spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Current weather is favourable for attack of Cabbage webber and tobacco caterpillar in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. Leaf eating caterpillar and fruit borer may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit. of water per acre crop. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control tomato leaf curl virus in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting.
- **Potato:** There are chances of Leaf Blight disease incidence in potato crop. To manage early leaf blight in potato, spray Mancozeb 75% WP @ 600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-367
Date- 20/01/2023

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.7°C (0 from normal) and 17.8°C (2.8 from normal), respectively. The mean relative humidity was 68-91%.

Forecasted period: Today(8.30IST) to 25th January(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 28-31°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-87% and 24-40% 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)				
Date	20/01/2023	21/01/2023	22/01/2023	23/01/2023	24/01/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	29	30	30	31
T-Min(°C)	17	17	18	19	19
Cloud Cover(octa)	1	1	1	2	3
RH Max (%)	87	80	73	67	70
RH Min (%)	40	31	24	26	25
Wind Speed(Kmph)	7	8	8	8	9
Wind Direction(deg)	109	135	135	158	113

Agromet Advisory

General Advisory: As dense fog has occurred over isolated places in past 4-5 days and also likely to occur in next 2 days, so farmers are advised to monitor potato, tomato and onion crops for incidence of early/late blight disease and mustard for white rust, green and black gram crop for powdery mildew. If symptoms are noticed, apply recommended plant protection measures.

Pulses:

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

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

Rabi-Groundnut:

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

Farmers are advised to do intercultivation and apply Gypsum @ 200 kg/ acre in Groundnut which is at flowering stage. To manage aphids and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. To manage tikka disease in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre water.

Mustard: As dry weather is needed after sowing of mustard, so farmers should complete sowing of Mustard in between upcoming 5 days and should pause the sowing in next week.

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of Aphid and stink bug infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. To manage Mustard sawfly and leaf Webbers spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Current weather is favourable for attack of Cabbage webber and tobacco caterpillar in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. Leaf eating caterpillar and fruit borer may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit. of water per acre crop. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control tomato leaf curl virus in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting.
- **Potato:** There are chances of Leaf Blight disease incidence in potato crop. To manage early leaf blight in potato, spray Mancozeb 75% WP @ 600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-367
Date- 20/01/2023

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.7°C (0 from normal) and 17.8°C (2.8 from normal), respectively. The mean relative humidity was 68-91%.

Forecasted period: Today(8.30IST) to 25th January(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-31°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 60-82% and 24-35% 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)				
Date	20/01/2023	21/01/2023	22/01/2023	23/01/2023	24/01/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	30	31	31
T-Min(°C)	18	18	19	20	19
Cloud Cover(octa)	1	1	1	1	4
RH Max (%)	82	74	62	60	61
RH Min (%)	35	29	24	24	25
Wind Speed (Kmph)	6	7	8	7	9
Wind Direction (deg)	150	293	153	135	90

Agromet Advisory

General Advisory: As dense fog has occurred over isolated places in past 4-5 days and also likely to occur in next 2 days, so farmers are advised to monitor potato, tomato and onion crops for incidence of early/late blight disease and mustard for white rust, green and black gram crop for powdery mildew. If symptoms are noticed, apply recommended plant protection measures.

Pulses:

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

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

Rabi-Groundnut:

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

Farmers are advised to do intercultivation and apply Gypsum @ 200 kg/ acre in Groundnut which is at flowering stage. To manage aphids and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. To manage tikka disease in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre water.

Mustard: As dry weather is needed after sowing of mustard, so farmers should complete sowing of Mustard in between upcoming 5 days and should pause the sowing in next week.

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of Aphid and stink bug infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-litre of water. To manage Mustard sawfly and leaf webbers spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Current weather is favourable for attack of Cabbage webber and tobacco caterpillar in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. Leaf eating caterpillar and fruit borer may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit. of water per acre crop. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control tomato leaf curl virus in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting.
- **Potato:** There are chances of Leaf Blight disease incidence in potato crop. To manage early leaf blight in potato, spray Mancozeb 75% WP @ 600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-367
Date- 20/01/2023

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.7°C (0 from normal) and 17.8°C (2.8 from normal), respectively. The mean relative humidity was 68-91%.

Forecasted period: Today(8.30IST) to 25th January(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-31°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 60-83% and 23-34% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/01/2023	21/01/2023	22/01/2023	23/01/2023	24/01/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	30	30	30	31
T-Min(°C)	18	18	19	20	19
Cloud Cover(octa)	1	1	1	1	4
RH Max (%)	83	74	63	60	62
RH Min (%)	34	28	23	23	24
Wind Speed (Kmph)	6	6	8	7	9
Wind Direction (deg)	75	293	153	135	68

Agromet Advisory

General Advisory: As dense fog has occurred over isolated places in past 4-5 days and also likely to occur in next 2 days, so farmers are advised to monitor potato, tomato and onion crops for incidence of early/late blight disease and mustard for white rust, green and black gram crop for powdery mildew. If symptoms are noticed, apply recommended plant protection measures.

Pulses:

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

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

Rabi-Groundnut:

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

Farmers are advised to do intercultivation and apply Gypsum @ 200 kg/ acre in Groundnut which is at flowering stage. To manage aphids and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. To manage tikka disease in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre water.

Mustard: As dry weather is needed after sowing of mustard, so farmers should complete sowing of Mustard in between upcoming 5 days and should pause the sowing in next week.

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of Aphid and stink bug infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. To manage Mustard sawfly and leaf Webbers spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Current weather is favourable for attack of Cabbage webber and tobacco caterpillar in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. Leaf eating caterpillar and fruit borer may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit. of water per acre crop. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control tomato leaf curl virus in field, Spray Imidacloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting.
- **Potato:** There are chances of Leaf Blight disease incidence in potato crop. To manage early leaf blight in potato, spray Mancozeb 75% WP @ 600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

Dr Sujata Sethy
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Bulletin No.-367
Date- 20/01/2023

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.7°C (0 from normal) and 17.8°C (2.8 from normal), respectively. The mean relative humidity was 68-91%.

Forecasted period: Today(8.30IST) to 25th January(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 27-32°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-82% and 30-49% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/01/2023	21/01/2023	22/01/2023	23/01/2023	24/01/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	27	29	30	31	32
T-Min(°C)	18	18	19	20	19
Cloud Cover(octa)	1	1	1	2	4
RH Max (%)	82	71	66	63	63
RH Min (%)	49	39	30	31	31
Wind Speed (Kmph)	9	9	9	9	11
Wind Direction (deg)	109	109	146	162	90

Agromet Advisory

General Advisory: As dense fog has occurred over isolated places in past 4-5 days and also likely to occur in next 2 days, so farmers are advised to monitor potato, tomato and onion crops for incidence of early/late blight disease and mustard for white rust, green and black gram crop for powdery mildew. If symptoms are noticed, apply recommended plant protection measures.

Pulses:

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

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

Rabi-Groundnut:

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

Farmers are advised to do intercultivation and apply Gypsum @ 200 kg/ acre in Groundnut which is at flowering stage. To manage aphids and thrips spray Thiamethoxam 25% W.G @ 40 gram/acre or Imidacloprid 17.8% SL @ 50-ml/acre by mixing it in 200 litre of water. To manage tikka disease in groundnut farmers should spray with 500g Blitox-50 powder in 200 litre water.

Mustard: As dry weather is needed after sowing of mustard, so farmers should complete sowing of Mustard in between upcoming 5 days and should pause the sowing in next week.

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of Aphid and stink bug infestation in early sown mustard crop. To manage aphids at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids and stink bugs chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. To manage Mustard sawfly and leaf webbers spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

Vegetables:

- **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @ 1g/litre or Profenophos @ 2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.
- **Cabbage and Cauliflower:** Current weather is favourable for attack of Cabbage webber and tobacco caterpillar in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. Leaf eating caterpillar and fruit borer may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit. of water per acre crop. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l.
- **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control tomato leaf curl virus in field, Spray Imidacloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting.
- **Potato:** There are chances of Leaf Blight disease incidence in potato crop. To manage early leaf blight in potato, spray Mancozeb 75% WP @ 600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.
- **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-367
Date- 20/01/2023

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.7°C (0 from normal) and 17.8°C (2.8 from normal), respectively. The mean relative humidity was 68-91%.

Forecasted period: Today(8.30IST) to 25th January(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-31°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-92% and 20-31% 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)				
Date	20/01/2023	21/01/2023	22/01/2023	23/01/2023	24/01/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	30	31	30	31
T-Min(°C)	18	18	18	19	19
Cloud Cover(octa)	1	1	1	1	4
RH Max (%)	92	84	66	61	73
RH Min (%)	31	26	20	21	21
Wind Speed (Kmph)	5	5	7	6	7
Wind Direction (deg)	155	146	161	158	117

Agro met Advisory

General Advisory: As dense fog has occurred over isolated places in past 4-5 days and also likely to occur in next 2 days, so farmers are advised to monitor potato, tomato and onion crops for incidence of early/late blight disease and mustard for white rust, green and black gram crop for powdery mildew. If symptoms are noticed, apply recommended plant protection measures.

Pulses:

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

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

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

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

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