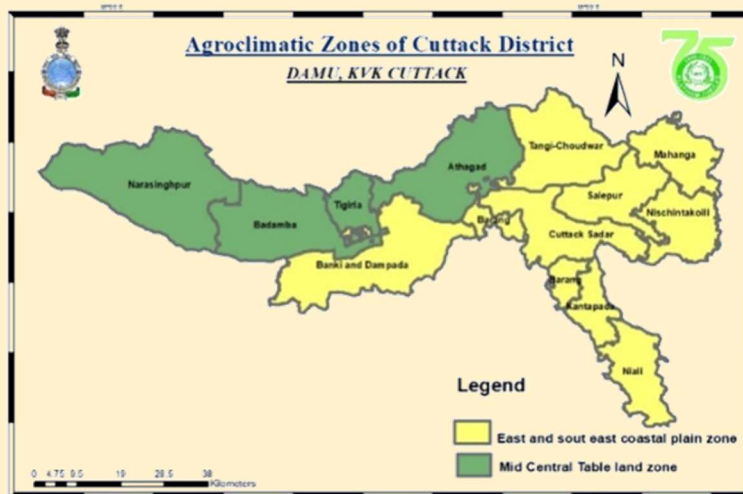




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 27th January, 2023
(For the period 27th to 31th January, 2023)*



*Issued by
District Agromet Unit,
KrishiVigyan Kendra Cuttack*





GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
 (A Unit of ICAR-National Rice Research Institute)
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Bulletin No.-369
Date- 27/01/2023

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 (Severely Dry) -1.00 to -1.49 (Moderately Dry) -0.50 to -0.99 (Mildly Dry) 0.0 to 0.49 (Near Normal) 0.50 to 0.99 (Moderately Wet) 1.00 to 1.49 (Severely Wet) 1.50 to 1.99 (Extremely Wet) > 2 (Extremely Wet) 	<p>NOAA/VIIIRS/BLENDED NDVI Composite ending on Week no 03 (15.01.2023 to 21.01.2023) 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><i>As per SPI value (cumulative 4weeks -22 December2022 to 18 January 2023), mildly dry condition was there in Cuttack district.</i></p>	<p><i>According to NDVI map (15.01.2023 to 21.01.2023) the agriculture vigor was light over maximum eastern blocksandlight to moderate western blocks of Cuttack district.</i></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

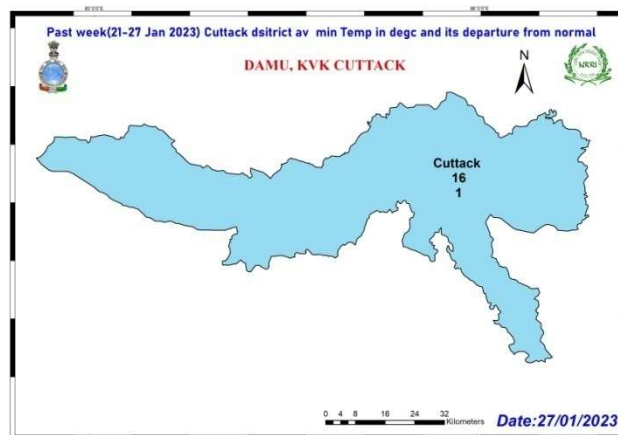
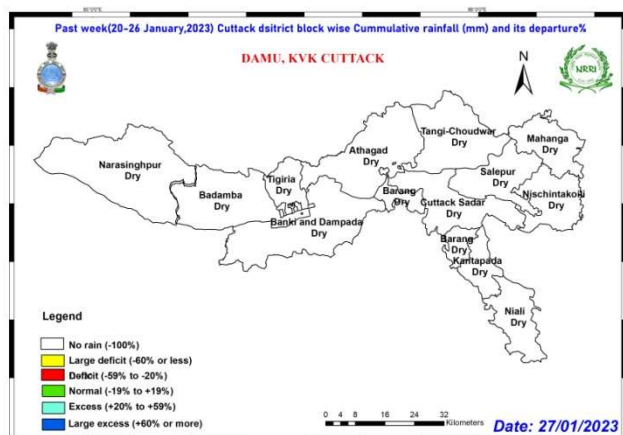


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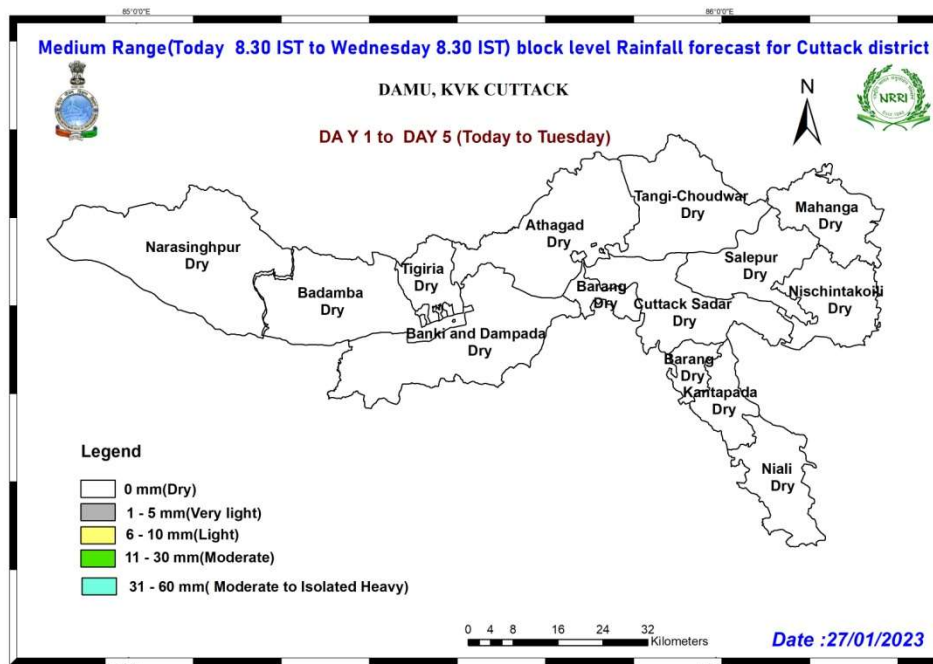


Bulletin No.-369
Date- 27/01/2023

Past week (20-26 Jan, 2023) cumulative rainfall departure% from normal and (21-27 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



Dr Sujata Sethy
 (Nodal officer)



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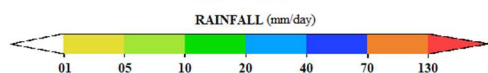
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EXTENDED RANGE RAINFALL FORECAST

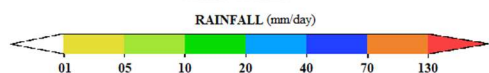
INDIA METEOROLOGICAL DEPARTMENT
NUMERICAL WEATHER PREDICTION DIVISION, NEW DELHI
STATE: ODISHA



PERIOD: WEEK-1 (27-01-2023 To 02-02-2023)



INDIA METEOROLOGICAL DEPARTMENT
NUMERICAL WEATHER PREDICTION DIVISION, NEW DELHI
STATE: ODISHA



PERIOD: WEEK-2 (03-02-2023 To 09-02-2023)



As per extended range outlook there will be dry weather is forecasted in first and 2nd week **for Odisha condition**. So Farmers are advised to make their arrangement of irrigation of rabi crops like Pulses and groundnut, Mustard **especially at flowering stage** and they may go for sowing activity with utilization of rain water. To conserve soil moisture they are advised to cover the crop with mulching material and should add rotted FYM in soil.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-369
Date- 27/01/2023

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		Black headed caterpillar
				Powdery Mildew
				Flea beetles
2	Mustard	Vegetative stage to flowering		Powdery Mildew
3	Rabi Groundnut	Vegetative stage to flowering		Aphid and Mites
				Spodotera/Tobacco caterpillar
4	Vegetables (Tomato, Chilli, Brinjal)	Vegetative to fruiting		Mites
				Chili Aphid
6	Tomato	Flowering to Fruting		Late blight
				leaf curl
7	Potato	Sprouting/Vegetative stage		Potato tuber moth
				Late blight
8	Cabbage and Cauliflower	Vegetative to Flowering		Diamond back moth
				Powdery Mildew

Dr Sujata Sethy
 (Nodal officer)



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

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Bulletin No.-369
Date- 27/01/2023

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 32°C (+2 from normal) and 16.2°C (1 from normal), respectively. The mean relative humidity was 66-82%.

Forecasted period: Today(8.30IST) to 01st February(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 32-33°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-88% and 20-27% respectively. There will be clear sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/01/2023	28/01/2023	29/01/2023	30/01/2023	31/01/2023
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	32	32	32	32	33
T-Min (°C)	19	19	18	17	19
Cloud Cover (octa)	0	4	4	1	1
RH Max (%)	81	73	81	88	69
RH Min (%)	22	26	27	20	20
Wind Speed (kmph)	8	8	8	9	6
Wind Direction (deg)	23	68	116	135	342

Agromet Advisory

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

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water and if the early sown pulse crop are at flowering stage they are advised to irrigate their crop.

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut:

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

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

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

Vegetables:

• **Thrips and mites** are prominent pests in vegetables at present. To control both, spray Bifenthrin @1g/litre or Profenophos @2ml/litre of water. To control the sucking pests like aphid & white fly, spray Imidacloprid @ 5ml/10 lit of water.

• **Cabbage and Cauliflower:** Due to fluctuating temperature condition there may be an attack of **Diamond Back Moth** in Cabbage and cauliflower. To control this apply Spinosad 45SC @ 0.5ml/l. Present humid weather may cause Powdery mildew in cabbage, to control this spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 lit water.

• **Tomato:** Transplanted seedlings are at 6-8 week stage in main field. Complete hoeing, weeding and apply 27 kg urea at six week stage. Irrigate the crops after fertilizer application. To control **tomato leaf curl virus** in field, Spray Imidachloprid 17.8% SL @ 0.5 ml or Dimethoate 30% EC @ 1 ml/litre of 10 water at 15, 25, 45 days after transplanting. To manage **late blight** in tomato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.

• **Potato:** There are chances of **Potato Tuber Moth** infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80- ml/acre. To manage **late blight** in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval.

• **Onion:** The transplanted seedlings are at seedling establishment to four week stage in main field. Irrigate the crop at 10 days interval. Go for hoeing, weeding and 1 st top dressing with 45kg urea per acre crop area at 4 week stage of crop followed by irrigation.

Fruits:

• **Mango:** Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-369
Date- 27/01/2023

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 32°C (+2 from normal) and 16.2°C (1 from normal), respectively. The mean relative humidity was 66-82%.

Forecasted period: Today(8.30IST) to 01st February(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 32-33°C and night temperature will be 16-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-88% and 18-26% respectively. There will be clear sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/01/2023	28/01/2023	29/01/2023	30/01/2023	31/01/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	33
T-Min(°C)	17	17	17	16	18
Cloud Cover(octa)	0	4	4	1	1
RH Max (%)	79	80	85	88	64
RH Min (%)	21	25	26	19	18
Wind Speed (Kmph)	8	7	8	9	6
Wind Direction (deg)	23	68	135	158	158

Agromet Advisory

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

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water and if the early sown pulse crop are at flowering stage they are advised to irrigate their crop.

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut:

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

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

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

Vegetables:

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-369
Date- 27/01/2023

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 32°C (+2 from normal) and 16.2°C (1 from normal), respectively. The mean relative humidity was 66-82%.

Forecasted period: Today(8.30IST) to 01st February(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 32-33°C and night temperature will be 17-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-89% and 19-27% respectively. There will be clear sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/01/2023	28/01/2023	29/01/2023	30/01/2023	31/01/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	32	32	32	33
T-Min(°C)	18	18	17	17	18
Cloud Cover(octa)	0	3	4	1	1
RH Max (%)	81	77	85	89	68
RH Min (%)	21	26	27	21	19
Wind Speed (Kmph)	9	8	8	9	6
Wind Direction (deg)	23	68	113	158	158

Agromet Advisory

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

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Rabi-Groundnut:

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

Vegetables:

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(Nodal officer)



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Date- 27/01/2023

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 32°C (+2 from normal) and 16.2°C (1 from normal), respectively. The mean relative humidity was 66-82%.

Forecasted period: Today(8.30IST) to 01st February(8.30IST)2023

Weather Advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 32-33°C and night temperature will be 17-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-89% and 19-27% respectively. There will be clear sky for next 5 days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/01/2023	28/01/2023	29/01/2023	30/01/2023	31/01/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	32	32	32	33
T-Min(°C)	18	18	17	17	18
Cloud Cover(octa)	0	3	4	1	1
RH Max (%)	81	76	84	89	69
RH Min (%)	21	26	27	21	19
Wind Speed (Kmph)	9	9	8	9	7
Wind Direction (deg)	23	68	116	158	158

Agromet Advisory

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

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water and if the early sown pulse crop are at flowering stage they are advised to irrigate their crop.

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut:

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

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

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

Vegetables:

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-369
Date- 27/01/2023

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 32°C (+2 from normal) and 16.2°C (1 from normal), respectively. The mean relative humidity was 66-82%.

Forecasted period: Today(8.30IST) to 01st February(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 31-32°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-88% and 21-28% respectively. There will be clear sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/01/2023	28/01/2023	29/01/2023	30/01/2023	31/01/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	31	31	32
T-Min(°C)	19	19	18	18	19
Cloud Cover	0	3	5	1	1
RH Max (%)	78	67	78	88	71
RH Min (%)	22	28	28	23	21
Wind Speed (Kmph)	10	11	9	9	8
Wind Direction (deg)	23	90	113	135	23

Agromet Advisory

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

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water and if the early sown pulse crop are at flowering stage they are advised to irrigate their crop.

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut:

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

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

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

Vegetables:

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-369
Date- 27/01/2023

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 32°C (+2 from normal) and 16.2°C (1 from normal), respectively. The mean relative humidity was 66-82%.

Forecasted period: Today(8.30IST) to 01st February(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 31-32°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-87% and 21-28% respectively. There will be clear sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/01/2023	28/01/2023	29/01/2023	30/01/2023	31/01/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	31	31	32
T-Min(°C)	19	20	18	18	20
Cloud Cover(octa)	0	3	4	1	1
RH Max (%)	77	66	75	87	70
RH Min (%)	23	28	28	22	21
Wind Speed (Kmph)	9	10	9	9	8
Wind Direction (deg)	23	68	113	135	23

Agromet Advisory

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

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water and if the early sown pulse crop are at flowering stage they are advised to irrigate their crop.

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut:

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

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

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

Vegetables:

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-369
Date- 27/01/2023

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 32°C (+2 from normal) and 16.2°C (1 from normal), respectively. The mean relative humidity was 66-82%.

Forecasted period: Today(8.30IST) to 01st February(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 31-32°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-87% and 23-30% respectively. There will be clear sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/01/2023	28/01/2023	29/01/2023	30/01/2023	31/01/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	31	31	32
T-Min(°C)	19	20	18	18	20
Cloud Cover(octa)	0	3	5	1	1
RH Max (%)	78	67	79	87	73
RH Min (%)	24	30	30	25	23
Wind Speed (Kmph)	10	11	10	9	8
Wind Direction (deg)	23	90	109	293	15

Agromet Advisory

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

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water and if the early sown pulse crop are at flowering stage they are advised to irrigate their crop.

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut:

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

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

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

Vegetables:

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

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Bulletin No.-369
Date- 27/01/2023

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 32°C (+2 from normal) and 16.2°C (1 from normal), respectively. The mean relative humidity was 66-82%.

Forecasted period: Today(8.30IST) to 01st February(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 31-32°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-80% and 23-30% respectively. There will be clear sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/01/2023	28/01/2023	29/01/2023	30/01/2023	31/01/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	31	31	31	32
T-Min(°C)	19	19	18	17	19
Cloud Cover(octal)	0	3	4	1	1
RH Max (%)	68	62	68	80	67
RH Min (%)	25	30	30	25	23
Wind Speed (Kmph)	10	11	9	9	9
Wind Direction (deg)	23	90	90	113	338

Agromet Advisory

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

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water and if the early sown pulse crop are at flowering stage they are advised to irrigate their crop.

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut:

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

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

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

Vegetables:

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-369
Date- 27/01/2023

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 32°C (+2 from normal) and 16.2°C (1 from normal), respectively. The mean relative humidity was 66-82%.

Forecasted period: Today (8.30 IST) to 01st February (8.30 IST) 2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 31-33°C and night temperature will be 15-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 60-86% and 18-26% respectively. There will be clear sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/01/2023	28/01/2023	29/01/2023	30/01/2023	31/01/2023
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	32	32	31	31	33
T-Min (°C)	16	16	16	15	17
Cloud Cover (/octa)	0	4	3	1	1
RH Max (%)	74	84	86	84	60
RH Min (%)	21	24	26	19	18
Wind Speed (Kmph)	6	5	7	7	4
Wind Direction (deg)	23	68	158	165	338

Agromet Advisory

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

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water and if the early sown pulse crop are at flowering stage they are advised to irrigate their crop.

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut:

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

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

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

Vegetables:

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-369
Date- 27/01/2023

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 32°C (+2 from normal) and 16.2°C (1 from normal), respectively. The mean relative humidity was 66-82%.

Forecasted period: Today(8.30IST) to 01st February(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 31-32°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-88% and 26-32% respectively. There will be clear sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/01/2023	28/01/2023	29/01/2023	30/01/2023	31/01/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	31	31	32
T-Min(°C)	19	19	18	18	19
Cloud Cover(octa)	0	4	5	1	1
RH Max (%)	79	69	81	88	74
RH Min (%)	26	32	32	27	26
Wind Speed(Kmph)	11	12	10	9	8
Wind Direction(deg)	23	90	109	113	23

Agromet Advisory

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

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water and if the early sown pulse crop are at flowering stage they are advised to irrigate their crop.

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut:

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

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

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

Vegetables:

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-369
Date- 27/01/2023

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 32°C (+2 from normal) and 16.2°C (1 from normal), respectively. The mean relative humidity was 66-82%.

Forecasted period: Today(8.30IST) to 01st February(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 31-32°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-82% and 23-30% respectively. There will be clear sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/01/2023	28/01/2023	29/01/2023	30/01/2023	31/01/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	31	31	31	32
T-Min(°C)	19	19	18	18	20
Cloud Cover(octa)	0	3	5	1	1
RH Max (%)	70	63	70	82	68
RH Min (%)	25	30	30	25	23
Wind Speed (Kmph)	10	11	9	9	9
Wind Direction (deg)	23	90	113	293	158

Agromet Advisory

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

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water and if the early sown pulse crop are at flowering stage they are advised to irrigate their crop.

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut:

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

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

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

Vegetables:

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-369
Date- 27/01/2023

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 32°C (+2 from normal) and 16.2°C (1 from normal), respectively. The mean relative humidity was 66-82%.

Forecasted period: Today(8.30IST) to 01st February(8.30IST)2023.

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 31-32°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-82% and 23-30% respectively. There will be clear sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/01/2023	28/01/2023	29/01/2023	30/01/2023	31/01/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	31	31	31	32
T-Min(°C)	19	20	18	18	20
Cloud Cover(octa)	0	3	5	1	1
RH Max (%)	71	63	70	82	68
RH Min (%)	24	30	30	24	23
Wind Speed (Kmph)	10	11	9	9	9
Wind Direction (deg)	23	90	113	293	158

Agromet Advisory

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

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water and if the early sown pulse crop are at flowering stage they are advised to irrigate their crop.

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut:

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

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

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

Vegetables:

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-369
Date- 27/01/2023

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 32°C (+2 from normal) and 16.2°C (1 from normal), respectively. The mean relative humidity was 66-82%.

Forecasted period: Today(8.30IST) to 01st February(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 30-32°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-81% and 32-40% respectively. There will be clear sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/01/2023	28/01/2023	29/01/2023	30/01/2023	31/01/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	30	31	32
T-Min(°C)	19	20	18	18	20
Cloud Cover(octa)	0	3	5	1	1
RH Max (%)	70	67	74	81	69
RH Min (%)	35	39	40	36	32
Wind Speed (Kmph)	12	13	11	11	10
Wind Direction (deg)	23	101	105	113	15

Agromet Advisory

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

Pulses:

Farmers should start sowing of pulses by utilization of irrigation water and if the early sown pulse crop are at flowering stage they are advised to irrigate their crop.

In green gram/black gram, chances of infestation of leaf eating caterpillar and black headed caterpillar likely to occur. To control them, spray mixture of 2ml profenofos 50%EC or 2 ml quinalphos 25%EC or 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Cloudy weather may aggravate the infestation of Flea beetle and powdery mildew in pulses. Spray neem oil 5 ml/L of water to control Flea beetle and spray 3 g Sulfex or 1 ml Propiconazole 10% EC or 1 ml Tebiconazole 25.9%EC per litre water for controlling Powdery mildew.

Rabi-Groundnut:

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

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

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

Vegetables:

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-369
Date- 27/01/2023

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 32°C (+2 from normal) and 16.2°C (1 from normal), respectively. The mean relative humidity was 66-82%.

Forecasted period: Today(8.30IST) to 01st February(8.30IST)2023

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 32-33°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-88% and 19-27% respectively. There will be clear sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/01/2023	28/01/2023	29/01/2023	30/01/2023	31/01/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	32	32	32	33
T-Min(°C)	18	18	17	17	19
Cloud Cover(octa)	0	4	4	1	1
RH Max (%)	81	76	83	88	67
RH Min (%)	22	26	27	20	19
Wind Speed (Kmph)	8	8	8	9	6
Wind Direction (deg)	23	68	117	158	342

Agro met Advisory

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Bulletin No.-369
Date- 27/01/2023

				
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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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