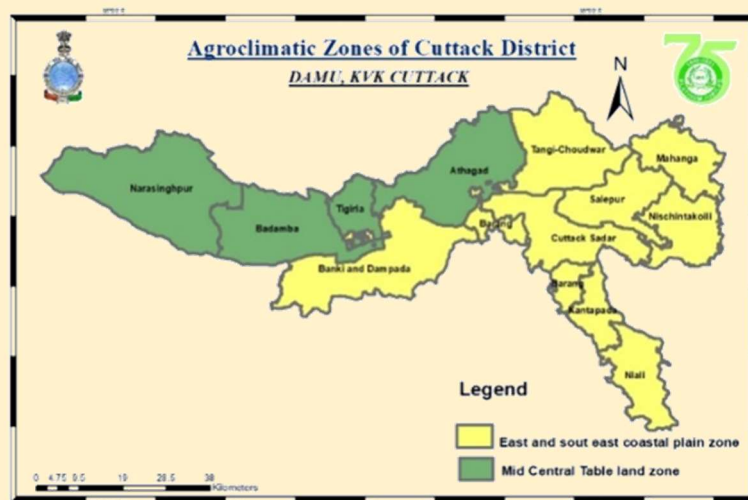




# *Cuttack District Block Wise Agro-met Advisory Service Bulletin*

*Tuesday, 30<sup>th</sup> January, 2024  
(For the period 30<sup>th</sup> January to 3<sup>rd</sup>  
February, 2024)*



*Issued by  
District Agro-met Unit,  
Krishi Vigyan Kendra Cuttack*




















**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
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Bulletin No.-474  
 Date- 30/01/2024

**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
				Black headed caterpillar
				White fly
				YMV
2	Mustard	Vegetative stage to flowering		Aphid
				Stink Bug
				White rust
3	Rabi Groundnut	Vegetative stage to flowering		Leaf Miner
				Aphid and Mites
4	Vegetables (Tomato, Chilli, Brinjal)	Vegetative to fruiting		Thrips
				Mites
				Chili Aphid
5	Brinjal	Fruiting		Fruit and shoot borer
6	Tomato	Vegetative		White fly
				Leaf Curl virus













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		Fruiting		Late blight
7	Potato	Sprouting/Vegetative stage		Leaf Blight
				Aphid
8	Cole crops (Cauliflower and cabbage)	Vegetative to fruiting		Leaf eating caterpillar
				Aphid
				Fruit borer
				Diamond back moth
				Tobacco Caterpillar

**DrRanjan Kumar Mohanta**  
 (Nodal officer)



*Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightning alert in your area*



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**AGROMET ADVISORY BULLETIN FOR ATHAGAD**



**Bulletin No.-474**  
**Date- 30/01/2024**

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

The block received average 1mm&district received average 1mmrainfall during the last week. The mean daily maximum and minimum temperature was **24.74°C** and **15°C**, respectively. Mean relative humidity of the district was around 73-85%.

**Forecasted period: Today(8.30IST) to 4<sup>th</sup> February (8.30IST)2024**

**Weather advisory: Dry weather is forecasted for next 5 days in the block.** The day temperature will be **29-31°C** and night temperature will be **16-19°C** for upcoming 5 days. Maximum and minimum relative humidity will be 78-93% and 22-34% respectively. **There will be clear to partly cloudysky for next 5days.**

Block	Athagad(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	30/01/2024	31/01/2024	01/02/2024	02/02/2024	03/02/2024
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	30	30	31	31	29
T-Min (°C)	17	18	19	17	16
Cloud Cover (octa)	3	1	2	1	0
RH Max (%)	90	93	92	78	93
RH Min (%)	23	29	34	30	22
Wind Speed (kmph)	9	14	15	8	6
Wind Direction (deg)	201	167	193	225	19

**Agromet Advisory**

**General Advisory:** In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.

**Pulses:**

Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days. 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride@0.2gm/ltr.

**Rabi-Groundnut:**

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage leaf miner spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

**Mustard:**

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather,** There may be chances of white rust disease in Mustard, to control spray Metalaxyl 2g/liter of water. 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.

**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.
- 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 emamectinbenzoate 5% SG 80gm or indoxacarb14.5% 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.
- **POTATO:**  
**Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop.** To manage 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.

**Animal husbandry:**

The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.





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Bulletin No.-474

Date- 30/01/2024

**AGROMET ADVISORY BULLETIN FOR BADAMBA**

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

The district received average 1mm rainfall during the last week. The mean daily maximum and minimum temperature was **24.74°C** and **15°C**, respectively. Mean relative humidity of the district was around 73-85%.

**Forecasted period: Today(8.30IST) to 4<sup>th</sup> February (8.30IST)2024**

**Weather advisory:** Dry weather is forecasted for next 5 days in the block. The day temperature will be 29-31°C and night temperature will be 15-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-94% and 21-32% 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	30/01/2024	31/01/2024	01/02/2024	02/02/2024	03/02/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	30	31	30
T-Min(°C)	16	16	17	16	15
Cloud Cover(octa)	3	1	2	1	0
RH Max (%)	91	94	94	66	93
RH Min (%)	22	27	32	24	21
Wind Speed (Kmph)	8	12	13	8	5
Wind Direction (deg)	201	180	191	236	23

**Agromet Advisory**

**General Advisory:** In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.

**Pulses:**

Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days. 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride @ 0.2gm/ltr.

**Rabi-Groundnut:**

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage leaf miner spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

**Mustard:**

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather,** There may be chances of white rust disease in Mustard, to control spray Metalaxyl 2g/litre of water. 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.

**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.
- 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 emamectinbenzoate 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.
- **POTATO:**  
**Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop.** To manage 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.

**Animal husbandry:**

The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.





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**Bulletin No.-474**  
**Date- 30/01/2024**

**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week average weather condition**

The district received average 1mm rainfall during the last week. The mean daily maximum and minimum temperature was **24.74°C** and **15°C**, respectively. Mean relative humidity of the district was around 73-85%.

**Forecasted period: Today(8.30IST) to 4<sup>th</sup> February (8.30IST)2024**

**Weather advisory:** *Dry weather is forecasted for next 5 days in the block.* The day temperature will be **29-31°C** and night temperature will be **15-18°C** for upcoming 5 days. Maximum and minimum relative humidity will be 78-93% and 21-36% 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	30/01/2024	31/01/2024	01/02/2024	02/02/2024	03/02/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	30	30	31	30
T-Min(°C)	17	17	18	16	15
Cloud Cover(octa)	3	1	2	1	0
RH Max (%)	90	92	93	78	93
RH Min (%)	25	31	36	28	21
Wind Speed (Kmph)	11	14	16	9	6
Wind Direction (deg)	201	167	193	236	23

**Agromet Advisory**

**General Advisory:** *In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

**Pulses:**

**Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days.** 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control **aphid**. Present weather condition was favourable for the incidence of **yellow mosaic virus** which was caused by the vector **white fly**. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride @ 0.2gm/ltr.

**Rabi-Groundnut:**

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

**Mustard:**

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather**, There may be chances of **white rust** disease in Mustard, to control spray Metalaxyl 2g/litre of water. 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.

**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.
- 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 emamectinbenzoate 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.
- **POTATO:**  
**Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop.** To manage **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.

**Animal husbandry:**

The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.

**DrRanjan Kumar Mohanta**  
**(Nodal officer)**



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**Debasish Jena**  
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# GRAMIN KRISHIMAUSAM SEWA INDIA METEOROLOGICAL DEPARTMENT DISTRICT AGROMET UNIT KRISHI VIGYAN KENDRA CUTTACK

(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-474

Date- 30/01/2024

## AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 1mm&district received average 1mmrainfall during the last week. The mean daily maximum and minimum temperature was **24.74°C** and **15°C**, respectively. Mean relative humidity of the district was around 73-85%.

**Forecasted period: Today(8.30IST) to 4<sup>th</sup> February (8.30IST)2024**

**Weather Advisory:** *Dry weather is forecasted for next 5 days in the block.* The day temperature will be **29-31°C** and night temperature will be **15-18°C** for upcoming 5 days. Maximum and minimum relative humidity will be 79-93% and 21-37% 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	30/01/2024	31/01/2024	01/02/2024	02/02/2024	03/02/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	30	31	30
T-Min(°C)	17	18	18	16	15
Cloud Cover(octa)	3	1	1	1	0
RH Max (%)	90	92	93	79	93
RH Min (%)	25	31	37	29	21
Wind Speed (Kmph)	11	14	16	9	6
Wind Direction (deg)	201	167	193	236	18

### Agromet Advisory

**General Advisory:** In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.

#### Pulses:

Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days. 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride@0.2mg/ltr.

#### Rabi-Groundnut:

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage leaf miner spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

#### Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather,** There may be chances of white rust disease in Mustard, to control spray Metalaxyl 2g/liter of water. 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.

#### 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.
- 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 emamectinbenzoate 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.
- **POTATO:**  
**Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop.** To manage 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.

#### Animal husbandry:

The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.

DrRanjan Kumar Mohanta  
(Nodal officer)



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**Bulletin No.-474**  
**Date- 30/01/2024**

**AGROMET ADVISORY BULLETIN FOR BARANGA**

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

The block received average 1mm & district received average 1mm rainfall during the last week. The mean daily maximum and minimum temperature was **24.74°C** and **15°C**, respectively. Mean relative humidity of the district was around 73-85%.

**Forecasted period: Today (8.30 IST) to 4th February (8.30 IST) 2024**

**Weather advisory:** Dry weather is forecasted for next 5 days in the block. The day temperature will be 29-31°C and night temperature will be 16-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-92% and 23-40% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	30/01/2024	31/01/2024	01/02/2024	02/02/2024	03/02/2024
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	29	30	30	31	30
T-Min (°C)	18	19	19	17	16
Cloud Cover	3	0	2	2	0
RH Max (%)	87	91	91	86	92
RH Min (%)	29	34	40	35	23
Wind Speed (Kmph)	12	15	17	12	6
Wind Direction (deg)	201	180	193	214	18

**Agromet Advisory**

**General Advisory:** In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.

**Pulses:**

Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days. 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride @ 0.2gm/ltr.

**Rabi-Groundnut:**

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage leaf miner spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

**Mustard:**

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather,** There may be chances of white rust disease in Mustard, to control spray Metalaxyl 2g/litre of water. 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.

**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.
- 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 emamectinbenzoate 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.

**POTATO:**

**Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop.** To manage 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.

**Animal husbandry:**

The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.

**Dr Ranjan Kumar Mohanta**  
**(Nodal officer)**



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





# GRAMIN KRISHIMAUSAM SEWA INDIA METEOROLOGICAL DEPARTMENT DISTRICT AGROMET UNIT KRISHI VIGYAN KENDRA CUTTACK

(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR



Bulletin No.-474

Date- 30/01/2024

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

The block received average 2mm&district received average 1mmrainfall during the last week. The mean daily maximum and minimum temperature was **24.74°C** and **15°C**, respectively. Mean relative humidity of the district was around 73-85%.

**Forecasted period: Today(8.30IST) to 4<sup>th</sup> February (8.30IST)2024**

**Weatheradvisory:** *Dry weather is forecasted for next 5 days in the block.* The day temperature will be **30-31°C** and night temperature will be **16-19°C**forupcoming 5 days. Maximum and minimum relative humidity will be 87-92% and 23-37% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Cuttack sadar(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	30/01/2024	31/01/2024	01/02/2024	02/02/2024	03/02/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	30	30	31	30
T-Min(°C)	18	19	19	17	16
Cloud Cover(octa)	3	1	2	2	0
RH Max (%)	89	92	91	87	91
RH Min (%)	26	31	37	33	23
Wind Speed (Kmph)	10	14	16	11	6
Wind Direction (deg)	201	180	193	236	23

## Agromet Advisory

**General Advisory:** *In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

### Pulses:

**Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days.** 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control **aphid**. Present weather condition was favourable for the incidence of **yellow mosaic virus** which was caused by the vector **white fly**. To control go for spraying of triazophos @ 2ml/lit or Acetamipride@0.2gm/lit.

### Rabi-Groundnut:

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

### Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather,** There may be chances of **white rust** disease in Mustard, to control spray Metalaxyl 2g/liter of water. 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.

### 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.
- 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 emamectinbenzoate 5% SG 80gm or indoxacarb14.5% 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.
- **POTATO:**  
**Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop.** To manage **leaf blight** in potato, sprayMancozeb 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.

### Animal husbandry:

The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.





# GRAMIN KRISHIMAUSAM SEWA INDIA METEOROLOGICAL DEPARTMENT DISTRICT AGROMET UNIT KRISHI VIGYAN KENDRA CUTTACK

(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR KANTAPADA



Bulletin No.-474

Date- 30/01/2024

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

The block received average 2mm&district received average 1mmrainfall during the last week. The mean daily maximum and minimum temperature was **24.74°C** and **15°C**, respectively. Mean relative humidity of the district was around 73-85%.

**Forecasted period: Today(8.30IST) to 4<sup>th</sup> February (8.30IST)2024**

**Weatheradvisory:** *Dry weather is forecasted for next 5 days in the block.* The day temperature will be **29-31°C** and night temperature will be **16-19°C**for upcoming 5 days. Maximum and minimum relative humidity will be 83-92% and 26-43% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Kantapada(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	30/01/2024	31/01/2024	01/02/2024	02/02/2024	03/02/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	30	30	31	30
T-Min(°C)	19	19	19	17	16
Cloud Cover(octa)	3	0	2	1	0
RH Max (%)	83	87	91	86	92
RH Min (%)	34	39	43	37	26
Wind Speed (Kmph)	13	15	17	13	7
Wind Direction (deg)	201	201	198	206	23

## Agromet Advisory

**General Advisory:** *In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.*

### Pulses:

**Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days.** 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control **aphid**. Present weather condition was favourable for the incidence of **yellow mosaic virus** which was caused by the vector **white fly**. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride@0.2gm/ltr.

### Rabi-Groundnut:

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

### Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather,** There may be chances of **white rust** disease in Mustard, to control spray Metalaxyl 2g/liter of water. 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.

### 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.
- 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 emamectinbenzoate 5% SG 80gm or indoxacarb14.5% 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.
- POTATO:**  
**Due to foggy and cold weather, there are chances of early/late leaf Blight** disease incidence in potato crop. To manage **leaf blight** in potato, sprayMancozeb 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.

### Animal husbandry:

The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.

DrRanjan Kumar Mohanta  
(Nodal officer)



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**GRAMIN KRISHIMAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**

(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR MAHANGA



Bulletin No.-474

Date- 30/01/2024

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

The block received average 2mm&district received average 1mmrainfall during the last week. The mean daily maximum and minimum temperature was **24.74°C** and **15°C**, respectively. Mean relative humidity of the district was around 73-85%.

Forecasted period: Today(8.30IST) to 4<sup>th</sup> February (8.30IST)2024

**Weatheradvisory::Dry weather is forecasted for next 5 days in the block.** The day temperature will be and it will be **29-31°C** and night temperature will be **16-19°C**for upcoming 5 days. Maximum and minimum relative humidity will 82-93% and 26-39% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Mahanga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	30/01/2024	31/01/2024	01/02/2024	02/02/2024	03/02/2024
Rainfall(mm)	0	0	0	1	0
T-Max(°C)	30	30	30	31	29
T-Min(°C)	18	18	19	17	16
Cloud Cover(octal)	4	1	1	1	0
RH Max (%)	84	89	93	89	82
RH Min (%)	29	35	39	33	26
Wind Speed (Kmph)	11	14	17	13	7
Wind Direction (deg)	201	198	180	214	18

Agro-met Advisory

**General Advisory:** In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.

**Pulses:**

Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days. 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride@0.2gm/ltr.

**Rabi-Groundnut:**

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage leaf miner spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

**Mustard:**

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather,** There may be chances of white rust disease in Mustard, to control spray Metalaxyl 2g/liter of water. 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.

**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.
- 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 emamectinbenzoate 5% SG 80gm or indoxacarb14.5% 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.
- **POTATO:**  
**Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop.** To manage 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.

**Animal husbandry:**

- The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.

DrRanjan Kumar Mohanta  
(Nodal officer)



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# GRAMIN KRISHIMAUSAM SEWA INDIA METEOROLOGICAL DEPARTMENT DISTRICT AGROMET UNIT KRISHI VIGYAN KENDRA CUTTACK

(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-474

Date- 30/01/2024

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

The block received average 0mm&district received average 1mmrainfall during the last week. The mean daily maximum and minimum temperature was 24.74°C and 15°C, respectively. Mean relative humidity of the district was around 73-85%.

**Forecasted period: Today(8.30IST) to 4<sup>th</sup> February (8.30IST)2024**

**Weatheradvisory:** Dry weather is forecasted for next 5 days in the block. The day temperature will be 29°C and night temperature will be 14-16°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 50-95% and 19-28% respectively. There will be clear to partly cloudyskyfor next 5days.

Block	Narasinghpur(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	30/01/2024	31/01/2024	01/02/2024	02/02/2024	03/02/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	29	29
T-Min(°C)	15	15	16	15	14
Cloud Cover(/octa)	3	1	2	0	0
RH Max (%)	93	95	95	50	88
RH Min (%)	20	25	28	20	19
Wind Speed (Kmph)	5	7	8	7	5
Wind Direction (deg)	225	199	203	259	360

## Agromet Advisory

**General Advisory:** In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.

### Pulses:

Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days. 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/lit or Acetamipride@0.2gm/lit.

### Rabi-Groundnut:

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage leaf miner spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

### Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. Due to foggy weather, There may be chances of white rust disease in Mustard, to control spray Metalaxyl 2g/liter of water. 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.

### 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.
- 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 emamectinbenzoate 5% SG 80gm or indoxacarb14.5% 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.

### POTATO:

Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop. To manage leaf blight in potato, sprayMancozeb 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.

### Animal husbandry:

- The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.

DrRanjan Kumar Mohanta  
(Nodal officer)



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**GRAMIN KRISHIMAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
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**Bulletin No.-474**  
**Date- 30/01/2024**

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

The block received average 0mm & district received average 1mm rainfall during the last week. The mean daily maximum and minimum temperature was **24.74°C** and **15°C**, respectively. Mean relative humidity of the district was around 73-85%.

**Forecasted period: Today (8.30 IST) to 4<sup>th</sup> February (8.30 IST) 2024**

**Weather advisory:** Dry weather is forecasted for next 5 days in the block. The day temperature will be **29-31°C** and night temperature will be **16-20°C** for upcoming 5 days. Maximum and minimum relative humidity will be 80-93% and 30-46% respectively. **There will be clear to partly cloudy for next 5 days.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	30/01/2024	31/01/2024	01/02/2024	02/02/2024	03/02/2024
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	29	29	29	31	30
T-Min (°C)	19	19	20	17	16
Cloud Cover (octa)	2	0	1	0	0
RH Max (%)	80	84	90	88	93
RH Min (%)	39	43	46	41	30
Wind Speed (Kmph)	13	15	17	15	9
Wind Direction (deg)	201	201	201	210	34

**Agromet Advisory**

**General Advisory:** In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.

**Pulses:**

Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days. 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 1 ml dichlorvos 76% EC per litre of water @ 200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride @ 0.2gm/ltr.

**Rabi-Groundnut:**

Farmers are advised to do intercultivation and apply Gypsum @ 200 kg/ acre in Groundnut which is at flowering stage. To manage leaf miner spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

**Mustard:**

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather,** There may be chances of white rust disease in Mustard, to control spray Metalaxyl 2g/litre of water. 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.

**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.
- 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.
- POTATO:**  
**Due to foggy and cold weather, there are chances of early/late leaf Blight** disease incidence in potato crop. To manage 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.

**Animal husbandry:**

The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.

**DrRanjan Kumar Mohanta**  
(Nodal officer)



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APP for Lightening alert in your area



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



**GRAMIN KRISHIMAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**

(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

**AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI**



Bulletin No.-474

Date- 30/01/2024

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

The block received average 2mm&district received average 1mmrainfall during the last week. The mean daily maximum and minimum temperature was **24.74°C** and **15°C**, respectively. Mean relative humidity of the district was around 73-85%.

**Forecasted period: Today(8.30IST) to 4<sup>th</sup> February (8.30IST)2024**

**Weatheradvisory:;Dry weather is forecasted for next 5 days in the block.** The day temperature will be **30-31°C** and night temperature will be **16-19°C**for upcoming 5 days. Maximum and minimum relative humidity will be 83-93% and 26-40% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Nischintakoili(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	30/01/2024	31/01/2024	01/02/2024	02/02/2024	03/02/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	30	30	31	30
T-Min(°C)	18	19	19	17	16
Cloud Cover(octa)	4	0	1	1	0
RH Max (%)	83	88	93	88	85
RH Min (%)	31	37	40	34	26
Wind Speed (Kmph)	11	14	17	14	8
Wind Direction (deg)	201	198	180	206	23

**Agromet Advisory**

**General Advisory:** In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.

**Pulses:**

**Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days.** 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control **aphid**. Present weather condition was favourable for the incidence of **yellow mosaic virus** which was caused by the vector **white fly**. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride@0.2gm/ltr.

**Rabi-Groundnut:**

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

**Mustard:**

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather**, There may be chances of **white rust** disease in Mustard, to control spray Metalaxyl 2g/liter of water. 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.

**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.
- 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 emamectinbenzoate 5% SG 80gm or indoxacarb14.5% 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.

**POTATO:**

**Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop.** To manage **leaf blight** in potato, sprayMancozeb 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.

**Animal husbandry:**

- The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.

**DrRanjan Kumar Mohanta**  
(Nodal officer)



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**Debasish Jena**

**SMS (Agrometeorology)**

Contact No-9861445080/7008453427





# GRAMIN KRISHIMAUSAM SEWA INDIA METEOROLOGICAL DEPARTMENT DISTRICT AGROMET UNIT KRISHI VIGYAN KENDRA CUTTACK

(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-474

Date- 30/01/2024

## AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 2mm&district received average 1mmrainfall during the last week. The mean daily maximum and minimum temperature was **24.74°C** and **15°C**, respectively. Mean relative humidity of the district was around 73-85%.

### Forecasted period: Today(8.30IST) to 4<sup>th</sup> February (8.30IST)2024

**Weather advisory:** Dry weather is forecasted for next 5 days in the block. The day temperature will be 30-31°C and night temperature will be 16-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-93% and 25-39% 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	30/01/2024	31/01/2024	01/02/2024	02/02/2024	03/02/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	30	30	31	30
T-Min(°C)	18	19	19	17	16
Cloud Cover(octa)	4	1	2	2	0
RH Max (%)	84	89	93	89	85
RH Min (%)	30	36	39	34	25
Wind Speed (Kmph)	11	14	17	13	7
Wind Direction (deg)	201	198	180	206	18

### Agromet Advisory

**General Advisory:** In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.

#### Pulses:

Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days. 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/lit or Acetamipride@0.2gm/lit.

#### Rabi-Groundnut:

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage leaf miner spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

#### Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. Due to foggy weather, There may be chances of white rust disease in Mustard, to control spray Metalaxyl 2g/liter of water. 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.

#### 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.
- 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 emamectinbenzoate 5% SG 80gm or indoxacarb14.5% 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.

#### POTATO:

Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop. To manage 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.

#### Animal husbandry:

- The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.





**GRAMIN KRISHIMAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**



(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

Bulletin No.-474

Date- 30/01/2024

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

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

The block received average 2mm&district received average 1mmrainfall during the last week. The mean daily maximum and minimum temperature was **24.74°C** and **15°C**, respectively. Mean relative humidity of the district was around 73-85%.

**Forecasted period: Today(8.30IST) to 4<sup>th</sup> February (8.30IST)2024**

**Weatheradvisory::Dry weather is forecasted for next 5 days in the block.** The day temperature will be 29-32°C and night temperature will be 21-24°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 74-90% and 42-52% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Tangi-Choudwar(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	30/01/2024	31/01/2024	01/02/2024	02/02/2024	03/02/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	30	32	30
T-Min(°C)	22	23	24	22	21
Cloud Cover(octa)	3	0	1	0	0
RH Max (%)	74	80	88	90	88
RH Min (%)	48	48	52	49	42
Wind Speed (Kmph)	15	16	18	18	11
Wind Direction (deg)	193	198	193	210	90

**Agromet Advisory**

**General Advisory:** In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.

**Pulses:**

Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days. 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride@0.2gm/ltr.

**Rabi-Groundnut:**

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage leaf miner spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

**Mustard:**

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather,** There may be chances of white rust disease in Mustard, to control spray Metalaxyl 2g/liter of water. 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.

**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.
- 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 emamectinbenzoate 5% SG 80gm or indoxacarb14.5% 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.
- **POTATO:**  
**Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop.** To manage leaf blight in potato, sprayMancozeb 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.

**Animal husbandry:**

The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.





**GRAMIN KRISHIMAUSAM SEWA  
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Bulletin No.-474

Date- 30/01/2024

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

The block received average 0mm & district received average 1mm rainfall during the last week. The mean daily maximum and minimum temperature was **24.74°C** and **15°C**, respectively. Mean relative humidity of the district was around 73-85%.

**Forecasted period: Today(8.30IST) to 4<sup>th</sup> February (8.30IST)2024**

**Weather advisory:** Dry weather is forecasted for next 5 days in the block. The day temperature will be 29-30°C and night temperature will be 15-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-94% and 22-32% 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	30/01/2024	31/01/2024	01/02/2024	02/02/2024	03/02/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	30	30	30	29
T-Min(°C)	17	17	18	16	15
Cloud Cover(octa)	3	1	2	1	0
RH Max (%)	91	94	93	72	94
RH Min (%)	23	28	32	28	22
Wind Speed (Kmph)	8	13	14	8	6
Wind Direction (deg)	199	167	193	333	19

**Agro met Advisory**

**General Advisory:** In view of anticipated foggy weather/presence of sufficient moisture in atmosphere there may be chances of white rust in mustard, late blight in tomato and potato, so farmers should vigil the field and take proper plant protection measures in the upcoming dry days.

**Pulses:**

Start sowing of pulses drought resistance short duration varieties (Green gram- IPM 02-03, IPM 02-14, Virat, kamdev, Durga and Black gram- PU-31, IPU-2-43, Prasad, Ujala) by utilization of residual soil moisture. If moisture is insufficient go for irrigation as dry weather is forecasted in coming 5 days. 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 1 ml dichlorvos 76%EC per litre of water @200 litres per acre during afternoon. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride @ 0.2gm/ltr.

**Rabi-Groundnut:**

Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut which is at flowering stage. To manage leaf miner spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

**Mustard:**

The mustard is at 15 to 20 days stage. Go for hoeing and weeding followed by irrigation. Thin out the plants and maintain optimum plant population. **Due to foggy weather,** There may be chances of white rust disease in Mustard, to control spray Metalaxyl 2g/litre of water. 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.

**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.
- 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 emamectinbenzoate 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.
- **POTATO:**

**Due to foggy and cold weather, there are chances of early/late leaf Blight disease incidence in potato crop.** To manage 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.

**Animal husbandry:**

The poultry birds should be protected from cold injury using electric bulb. Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%- 20% in the daily ration during winter season to meet the energy requirement of the animals.

**DrRanjan Kumar Mohanta**  
(Nodal officer)



Follow Meghdoot Mobile APP for Agromet  
advisories in local language and DAMINI  
APP for Lightening alert in your area



**Debasish Jena**  
**SMS (Agrometeorology)**  
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**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
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Bulletin No.-474  
 Date- 30/01/2024

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


- Kindly install and use **“Meghdoot mobile App”** for Cuttack district weather forecast, warnings and weather based agromet advisory services.

<https://play.google.com/store/apps/details?id=com.aas.meghdoot>

- Kindly install and use **“Damini mobile App”** for location specific for lightening forecast and warnings.

<https://play.google.com/store/apps/details?id=com.lightening.live.damini>

- Follow the **block specific whats app groups** and join in your block wise groups for getting weather based agromet advisory services twice in a week (Tuesday and Friday) and other weather warning based farm management advisories.
- Follow the **Official Website links** to get the weather based agromet advisory service bulletins (**English & Odia**) twice in a week (Tuesday and Friday).

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