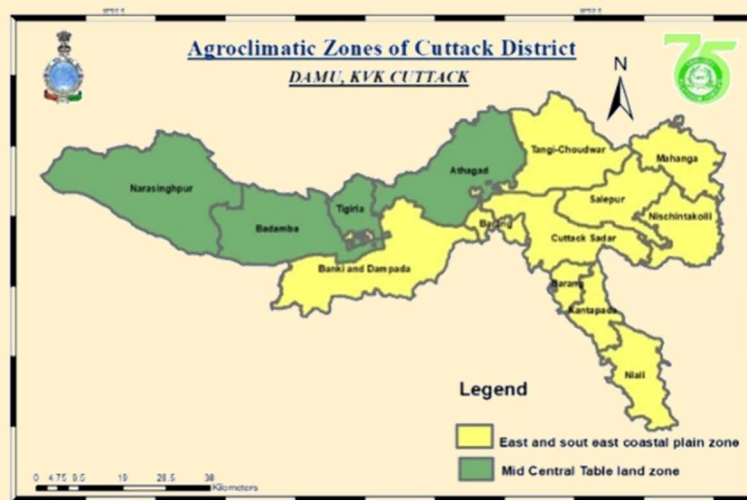




# *Cuttack District Block Wise Agro-met Advisory Service Bulletin*

*Wednesday, 24<sup>th</sup> January, 2024  
(For the period 24<sup>th</sup> to 28<sup>th</sup> January,  
2024)*



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





**GRAMIN KRISHI MAUSAM 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.-473

Date- 24/01/2024

**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		Aphid
				Black headed caterpillar
				Powdery mildew
				YMV
2	Mustard	Vegetative to flowering stage		Aphid
				Sclerotinia rot
				Alternaria
				Stink Bug
3	Rabi Groundnut	Vegetative to flowering stage		White rust
				Rust
				Collar rot
				Tikka disease
4	Vegetables (Tomato, Chilli, Brinjal)	Vegetative to fruiting		Thrips

**DrRanjan Kumar Mohanta**  
(Nodal officer)



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**Debasish Jena**  
**SMS (Agrometeorology)**  
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**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**




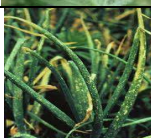





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Bulletin No.-473

Date- 24/01/2024

				Chilli mites/ downward curling of leaf
				Chili Aphid
5	Tomato	Vegetative		White fly
6	Onion	Seedling to vegetative		Botrytis leaf blight
7	Potato	Sprouting/Vegetative stage		Leaf Blight
8	Cole crops ( Cauliflower and cabbage)	Vegetative to fruiting		Diamond back moth
				Black rot







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**AGROMET ADVISORY BULLETIN FOR ATHAGAD**



**Bulletin No.-473**  
**Date- 24/01/2024**

**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 **25.14°C (-3.94°C from normal)** and **16.85°C (+1.68°C from normal)**, respectively. Mean relative humidity of the district was around 76-83%.

**Forecasted period: Today (8.30 IST) to 29<sup>th</sup> January (8.30 IST) 2024**

**Weather advisory:** *Moderate rainfall is forecasted for today and dry weather is forecasted for tomorrow to Sunday in the block.* The day temperature will be 20-27°C and night temperature will be 15-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-89% and 28-76% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/01/2024	25/01/2024	26/01/2024	27/01/2024	28/01/2024
Rainfall (mm)	11	0	0	0	0
T-Max (°C)	20	25	27	27	27
T-Min (°C)	17	15	16	16	16
Cloud Cover (octa)	7	2	3	5	6
RH Max (%)	89	86	84	76	84
RH Min (%)	76	49	31	32	28
Wind Speed (kmph)	11	8	6	5	6
Wind Direction (deg)	32	45	81	113	153

**Agromet Advisory**

**General Advisory:** Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of forecasted light rain. They are advised to cover the harvested paddy with polythene cover to protect it from light rain. In view of rainfall, pause sowing of mustard, chemical application and irrigation activities.

**Pulses:**

**Past Foggy and cold weather** may aggravate the infestation of **aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid 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. 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 Acetamiprid @ 0.2gm/ltr.

**Rabi-Groundnut:**

**Due to anticipation of light rain** Need based spraying and drenching with (carbendazim + mancozeb) or (metalaxyl + mancozeb) @ 2gm/lit of water to protect the crop from **collar rot, stem rot and tikka disease**. **Due to past foggy and cloudy weather** there may be infestation of **leaf rust** in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

**Mustard:**

Due to **past foggy weather**, there are chances of **Aphid** and **stink bug** infestation in early sown mustard crop. To manage aphids and stink bug at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. There may be chances of **white rust disease** in Mustard, to control spray Metalaxyl 2g/liter of water.

**Forecasted humid weather with average temperature 18-25°C** favors the development of **sclerotinia rot** in Mustard, if it will be found, apply 2gram carbendazim or 2ml propiconazole per liter water. **Forecasted rainfall with humid weather** is congenial for development of **alternaria leaf blight** in Mustard, if it will be found spray chlorothalonil 75% WP 2g/liter water.

**Vegetables:**

**Potato:**

When the plants attain height of 15-25 cm go for the earthing up. Apply chlorpyrifos @ 2.5 ml/ltr of water against the attack of **cut worm and leaf eating insect**. **Due to past foggy weather** there are chances of **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.

**Onion:**

**Forecasted rainfall** favors the development of **botrytis leaf blight** in Onion. If it will be found apply carbendazim 2g/ltr of water. Irrigate the crop at 10 days interval based upon forecast of rainfall. Go for hoeing, weeding and 1st top dressing with 45kg urea per acre crop area at 4 week stage of crop in upcoming 3 dry days. **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** in vegetables, spray Imidacloprid @ 5ml/10 lit of water.
- Cauliflower/Cabbage:** Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. **Past rainfall, cloudy and humid weather** favors infestation of **black rot** disease in Cole crops, to manage this disease apply streptomycin sulphate 90.0% SP 10 gram in 200 liter water per acre.
- Chili:** There are chances of infestation of Mites in Chili crop. Due to infestation of mites downward curling and crinkling of leaves occur. Plant appears stunted. To manage mites in chili crop spray Ethion 50 % EC (@ 600-ml/acre or Spiromesifen 22.9 % SC @ 200-ml/acre

**Animal husbandry:**

Give animals mineral mixture along with salt regularly and also wheat grains, jaggery etc. @ 10%-20% in the daily ration during winter season to meet the energy requirement of the animals. • In Poultry, keep the chicks warm by providing artificial light in the poultry sheds.

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



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**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.-473

Date- 24/01/2024

## AGROMET ADVISORY BULLETIN FOR BADAMBA

### 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 25.14°C (-3.94°C from normal) and 16.85°C (+1.68°C from normal), respectively. Mean relative humidity of the district was around 76-83%.

### Forecasted period: Today (8.30 IST) to 29<sup>th</sup> January (8.30 IST) 2024

**Weather advisory:** Light rainfall is forecasted for today and dry weather is forecasted for other 4 days in the block. The day temperature will be 21-26°C and night temperature will be 14-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-88% and 29-68% 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	24/01/2024	25/01/2024	26/01/2024	27/01/2024	28/01/2024
Rainfall (mm)	8	0	0	0	0
T-Max (°C)	21	26	26	26	26
T-Min (°C)	16	14	15	15	16
Cloud Cover (octa)	7	2	2	4	5
RH Max (%)	88	87	86	82	88
RH Min (%)	68	45	32	31	29
Wind Speed (Kmph)	9	7	6	5	7
Wind Direction (deg)	45	68	124	120	158

### Agromet Advisory

**General Advisory:** Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of forecasted light rain. They are advised to cover the harvested paddy with polythene cover to protect it from light rain. In view of rainfall, pause sowing of mustard, chemical application and irrigation activities.

#### Pulses:

**Past Foggy and cold weather** may aggravate the infestation of **aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid 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. 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:

**Due to anticipation of light rain** Need based spraying and drenching with (carbendazim + mancozeb) or (metalaxyl + mancozeb) @ 2gm/lit of water to protect the crop from **collar rot, stem rot and tikka disease**. **Due to past foggy and cloudy weather** there may be infestation of **leaf rust** in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

#### Mustard:

**Due to past foggy weather**, there are chances of **Aphid** and **stink bug** infestation in early sown mustard crop. To manage aphids and stink bug at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. There may be chances of **white rust disease** in Mustard, to control spray Metalaxyl 2g/liter of water.

**Forecasted humid weather with average temperature 18-25°C** favors the development of **sclerotinia rot** in Mustard, if it will be found, apply 2gram carbendazim or 2ml propiconazole per liter water. **Forecasted rainfall with humid weather** is congenial for development of **alternaria leaf blight** in Mustard, if it will be found spray chlorothalonil 75% WP 2g/liter water.

#### Vegetables:

##### Potato:

When the plants attain height of 15-25 cm go for the earthing up. Apply chlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect**. **Due to past foggy weather** there are chances of **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.

##### Onion:

**Forecasted rainfall favors the development of botrytis leaf blight in Onion**. If it will be found apply carbendazim 2g/ltr of water. Irrigate the crop at 10 days interval based upon forecast of rainfall. Go for hoeing, weeding and 1st top dressing with 45kg urea per acre crop area at 4 week stage of crop in upcoming 3 dry days. **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** in vegetables, spray Imidacloprid @ 5ml/10 lit of water.

**Cauliflower/Cabbage:** Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. **Past rainfall, cloudy and humid weather** favors infestation of **black rot** disease in Cole crops, to manage this disease apply streptomycin sulphate 90.0% SP 10 gram in 200 liter water per acre.

**Chili:** There are chances of infestation of Mites in Chili crop. Due to infestation of mites downward curling and crinkling of leaves occur. Plant appears stunted. To manage mites in chilli crop spray Ethion 50 % EC @ 600-ml/acre or Spiromesifen 22.9 % SC @ 200-ml/acre

#### Animal husbandry:

Give animals mineral mixture along with salt regularly and also wheat grains, jaggery etc. @ 10%-20% in the daily ration during winter season to meet the energy requirement of the animals. • In Poultry, keep the chicks warm by providing artificial light in the poultry sheds.

DrRanjan Kumar Mohanta  
(Nodal officer)



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**Bulletin No.-473**  
**Date- 24/01/2024**

**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 **25.14°C (-3.94°C from normal)** and **16.85°C (+1.68°C from normal)**, respectively. Mean relative humidity of the district was around 76-83%.

**Forecasted period: Today(8.30IST) to 29<sup>th</sup> January (8.30IST)2024**

**Weather advisory:** *Light rainfall is forecasted for today and dry weather is forecasted for other 4 days in the block.* The day temperature will be **21-27°C** and night temperature will be **14-16°C** for upcoming 5 days. Maximum and minimum relative humidity will be 78-88% and 30-72% 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	24/01/2024	25/01/2024	26/01/2024	27/01/2024	28/01/2024
Rainfall(mm)	9	0	0	0	0
T-Max(°C)	21	25	26	27	26
T-Min(°C)	16	14	15	15	16
Cloud Cover(octa)	7	2	2	4	5
RH Max (%)	88	87	85	78	86
RH Min (%)	72	48	33	32	30
Wind Speed (Kmph)	11	8	7	5	7
Wind Direction (deg)	32	45	79	90	153

**Agromet Advisory**

**General Advisory:** Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of forecasted light rain. They are advised to cover the harvested paddy with polythene cover to protect it from light rain. In view of rainfall, pause sowing of mustard, chemical application and irrigation activities.

**Pulses:**

**Past Foggy and cold weather** may aggravate the infestation of **aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid 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. 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:**

**Due to anticipation of light rain** Need based spraying and drenching with (carbendazim + mancozeb) or (metalaxyl + mancozeb) @ 2gm/lit of water to protect the crop from **collar rot, stem rot and tikka disease**. **Due to past foggy and cloudy weather** there may be infestation of **leaf rust** in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

**Mustard:**

**Due to past foggy weather**, there are chances of **Aphid** and **stink bug** infestation in early sown mustard crop. To manage aphids and stink bug at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. There may be chances of **white rust disease** in Mustard, to control spray Metalaxyl 2g/liter of water. **Forecasted humid weather with average temperature 18-25°C** favors the development of **sclerotinia rot** in Mustard, if it will be found, apply 2gram carbendazim or 2ml propiconazole per liter water. **Forecasted rainfall with humid weather** is congenial for development of **alternaria leaf blight** in Mustard, if it will be found spray chlorothalonil 75%WP 2g/liter water.

**Vegetables:**

**Potato:**

When the plants attain height of 15-25 cm go for the earthing up. Apply chlorpyrifos @ 2.5 ml/ltr of water against the attack of **cut worm and leaf eating insect**. **Due to past foggy weather** there are chances of **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.

**Onion:**

**Forecasted rainfall** favors the development of **botrytis leaf blight** in Onion. If it will be found apply carbendazim 2g/ltr of water. Irrigate the crop at 10 days interval based upon forecast of rainfall. Go for hoeing, weeding and 1st top dressing with 45kg urea per acre crop area at 4 week stage of crop in upcoming 3dry days. **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** in vegetables, spray Imidacloprid @ 5ml/10 lit of water.
- Cauliflower/Cabbage:** Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. **Past rainfall, cloudy and humid weather** favors infestation of **black rot** disease in Cole crops, to manage this disease apply streptomycin sulphate 90.0% SP 10 gram in 200 liter water per acre.
- Chilli** There are chances of infestation of Mites in Chilli crop. Due to infestation of mites downward curling and crinkling of leaves occur. Plant appears stunted. To manage mites in chilli crop spray Ethion 50 % EC (@ 600-ml/acre or Spiromesifen 22.9 % SC @ 200-ml/acre

**Animal husbandry:**

Give animals mineral mixture along with salt regularly and also wheat grains, jaggery etc. @ 10%-20% in the daily ration during winter season to meet the energy requirement of the animals. • In Poultry, keep the chicks warm by providing artificial light in the poultry sheds.

**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.-473

Date- 24/01/2024

## 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 **25.14°C (-3.94°Cfrom normal)** and **16.85°C (+1.68°C from normal)**, respectively. Mean relative humidity of the district was around 76-83%.

### Forecasted period: Today(8.30IST) to 29<sup>th</sup> January (8.30IST)2024

**WeatherAdvisory:** *Light rainfall is forecasted for today and dry weather is forecasted for other 4days in the block.* The day temperature will be 21-27°C and night temperature will be 14-16°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 78-88% and 30-73% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Banki-Dampada(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/01/2024	25/01/2024	26/01/2024	27/01/2024	28/01/2024
Rainfall(mm)	9	0	0	0	0
T-Max(°C)	21	25	27	27	27
T-Min(°C)	16	14	15	15	16
Cloud Cover(octa)	7	2	2	4	5
RH Max (%)	88	87	85	78	85
RH Min (%)	73	49	32	32	30
Wind Speed (Kmph)	11	8	7	5	7
Wind Direction (deg)	32	45	90	90	153

### Agromet Advisory

**General Advisory:** Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of forecasted light rain. They are advised to cover the harvested paddy with polythine cover to protect it from light rain. In view of rainfall, pause sowing of mustard, chemical application and irrigation activities.

#### Pulses:

**Past Foggy and cold weather** may aggravate the infestation of **aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid 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. 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:

**Due to anticipation of light rain** Need based spraying and drenching with (carbendazim + mancozeb) or( metalaxyl + mancozeb) @ 2gm/lit of water to protect the crop from **collar rot, stem rot and tikka disease**. **Due to past foggy and cloudy weather** there may be infestation of **leaf rust** in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

#### Mustard:

**Due to past foggy weather**, there are chances of **Aphid** and **stink bug** infestation in early sown mustard crop. To manage aphids and stink bug at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. There may be chances of **white rust disease** in Mustard, to control spray Metalaxyl 2g/liter of water.

**Forecasted humid weather with average temperature 18-25°C** favors the development of **sclerotinia rot** in Mustard, if it will be found, apply 2gram carbendazim or 2ml propiconazole per liter water. **Forecasted rainfall with humid weather** is congenial for development of **alternaria leaf blight** in Mustard, if it will be found spray chlorothalonil 75%WP 2g/liter water.

#### Vegetables:

##### Potato:

When the plants attain height of 15-25 cm go for the earthing up. Apply chlorpyrifos @ 2.5 ml/ltr of water against the attack of **cut worm and leaf eating insect**. **Due to past foggy weather** there are chances of **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.

##### Onion:

**Forecasted rainfall favors the development of botrytis leaf blight in Onion**. If it will found apply carbendazim 2g/ltr of water. Irrigate the crop at 10 days interval based upon forecast of rainfall. Go for hoeing, weeding and 1st top dressing with 45kg urea per acre crop area at 4 week stage of crop in upcoming 3dry days. **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** in vegetables, spray Imidacloprid @ 5ml/10 lit of water.

• **Cauliflower/Cabbage:** Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. **Past rainfall, cloudy and humid weather favors** infestation of **black rot** disease in Cole crops, to manage this disease apply streptomycin sulphate 90.0% SP 10 gram in 200 liter water per acre.

• **Chilli** There are chances of infestation of Mites in Chilli crop. Due to infestation of mites downward curling and crinkling of leaves occur. Plant appears stunted. To manage mites in chilli crop spray Ethion 50 % EC (@ 600-ml/acre or Spiromesifen 22.9 % SC @ 200-ml/acre

#### Animal husbandry:

Give animals mineral mixture along with salt regularly and also wheat grains, jaggery etc. @ 10%-20% in the daily ration during winter season to meet the energy requirement of the animals. • In Poultry, keep the chicks warm by providing artificial light in the poultry sheds.

DrRanjan Kumar Mohanta  
(Nodal officer)



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**INDIA METEOROLOGICAL DEPARTMENT**  
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**Bulletin No.-473**  
**Date- 24/01/2024**

**AGROMET ADVISORY BULLETIN FOR BARANGA**

**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 **25.14°C (-3.94°C from normal)** and **16.85°C (+1.68°C from normal)**, respectively. Mean relative humidity of the district was around 76-83%.

**Forecasted period: Today (8.30 IST) to 29<sup>th</sup> January (8.30 IST) 2024**

**Weather advisory:** **Light rainfall is forecasted for today and dry weather is forecasted for other 4 days in the block.** The day temperature will be 21-27°C and night temperature will be 15-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-88% and 31-75% 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	24/01/2024	25/01/2024	26/01/2024	27/01/2024	28/01/2024
Rainfall (mm)	8	0	0	0	0
T-Max (°C)	21	25	27	27	27
T-Min (°C)	17	15	16	16	17
Cloud Cover	7	1	1	4	5
RH Max (%)	88	84	81	76	80
RH Min (%)	75	53	34	34	31
Wind Speed (Kmph)	14	10	8	5	6
Wind Direction (deg)	32	56	105	23	155

**Agromet Advisory**

**General Advisory:** Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of forecasted light rain. They are advised to cover the harvested paddy with polythene cover to protect it from light rain. In view of rainfall, pause sowing of mustard, chemical application and irrigation activities.

**Pulses:**

**Past Foggy and cold weather** may aggravate the infestation of **aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid 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. 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:**

**Due to anticipation of light rain** Need based spraying and drenching with (carbendazim + mancozeb) or (metalaxyl + mancozeb) @ 2gm/lit of water to protect the crop from **collar rot, stem rot and tikka disease**. **Due to past foggy and cloudy weather** there may be infestation of **leaf rust** in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

**Mustard:**

**Due to past foggy weather**, there are chances of **Aphid** and **stink bug** infestation in early sown mustard crop. To manage aphids and stink bug at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. There may be chances of **white rust disease** in Mustard, to control spray Metalaxyl 2g/liter of water. **Forecasted humid weather with average temperature 18-25°C** favors the development of **sclerotinia rot** in Mustard, if it will be found, apply 2gram carbendazim or 2ml propiconazole per liter water. **Forecasted rainfall with humid weather** is congenial for development of **alternaria leaf blight** in Mustard, if it will be found spray chlorothalonil 75% WP 2g/liter water.

**Vegetables:**

**Potato:**

When the plants attain height of 15-25 cm go for the earthing up. Apply chlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect**. **Due to past foggy weather** there are chances of **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.

**Onion:**

**Forecasted rainfall** favors the development of **botrytis leaf blight** in Onion. If it will be found apply carbendazim 2g/ltr of water. Irrigate the crop at 10 days interval based upon forecast of rainfall. Go for hoeing, weeding and 1st top dressing with 45kg urea per acre crop area at 4 week stage of crop in upcoming 3 dry days. **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** in vegetables, spray Imidacloprid @ 5ml/10 lit of water.

**Cauliflower/Cabbage:** Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. **Past rainfall, cloudy and humid weather** favors infestation of **black rot** disease in Cole crops, to manage this disease apply streptomycin sulphate 90.0% SP 10 gram in 200 liter water per acre.

**Chilli:** There are chances of infestation of Mites in Chilli crop. Due to infestation of mites downward curling and crinkling of leaves occur. Plant appears stunted. To manage mites in chilli crop spray Ethion 50 % EC (@ 600-ml/acre or Spiromesifen 22.9 % SC @ 200-ml/acre

**Animal husbandry:**

Give animals mineral mixture along with salt regularly and also wheat grains, jaggery etc. @ 10%-20% in the daily ration during winter season to meet the energy requirement of the animals. • In Poultry, keep the chicks warm by providing artificial light in the poultry sheds.

**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)**



**Bulletin No.-473**  
**Date- 24/01/2024**

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

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

**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 **25.14°C (-3.94°Cfrom normal)** and **16.85°C (+1.68°C from normal)**, respectively. Mean relative humidity of the district was around 76-83%.

**Forecasted period: Today(8.30IST) to 29<sup>th</sup>January (8.30IST)2024**

**Weatheradvisory:** *Moderate rainfall is forecasted for today and dry weather is forecasted for tomorrow to Sunday in the block.* The day temperature will be **20-27°C** and night temperature will be **15-17°C**forupcoming 5 days. Maximum and minimum relative humidity will be 76-88% and 29-76% respectively. **There will be clear to partly cloudy**skyfor next 5days.

Block	Cuttack sadar(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/01/2024	25/01/2024	26/01/2024	27/01/2024	28/01/2024
Rainfall(mm)	12	0	0	0	0
T-Max(°C)	20	26	27	27	27
T-Min(°C)	17	15	16	16	17
Cloud Cover(octa)	7	1	2	5	5
RH Max (%)	88	84	81	76	81
RH Min (%)	76	51	32	33	29
Wind Speed (Kmph)	13	9	7	4	5
Wind Direction (deg)	32	58	105	23	135

**Agromet Advisory**

**General Advisory:** Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of forecasted light rain. They are advised to cover the harvested paddy with polythine cover to protect it from light rain. In view of rainfall, pause sowing of mustard, chemical application and irrigation activities.

**Pulses:**

**Past Foggy and cold weather** may aggravate the infestation of **aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid 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. 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:**

**Due to anticipation of light rain** Need based spraying and drenching with (carbendazim + mancozeb) or( metalaxyl + mancozeb) @ 2gm/lit of water to protect the crop from **collar rot, stem rot and tikka disease**. **Due to past foggy and cloudy weather** there may be infestation of **leaf rust** in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

**Mustard:**

**Due to past foggy weather**, there are chances of **Aphid** and **stink bug** infestation in early sown mustard crop. To manage aphids and stink bug at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. There may be chances of **white rust disease** in Mustard, to control spray Metalaxyl 2g/liter of water. **Forecasted humid weather with average temperature 18-25°C** favors the development of **sclerotinia rot** in Mustard, if it will be found, apply 2gram carbendazim or 2ml propiconazole per liter water. **Forecasted rainfall with humid weather** is congenial for development of **alternaria leaf blight** in Mustard, if it will be found spray chlorothalonil 75%WP 2g/liter water.

**Vegetables:**

**Potato:**

When the plants attain height of 15-25 cm go for the earthing up. Apply chlorpyrifos @ 2.5 ml/ltr of water against the attack of **cut worm and leaf eating insect**. **Due to past foggy weather** there are chances of **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.

**Onion:**

**Forecasted rainfall favors the development of botrytis leaf blight in Onion**. If it will found apply carbendazim 2g/ltr of water. Irrigate the crop at 10 days interval based upon forecast of rainfall. Go for hoeing, weeding and 1st top dressing with 45kg urea per acre crop area at 4 week stage of crop in upcoming 3dry days. **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** in vegetables, spray Imidacloprid @ 5ml/10 lit of water.
- Cauliflower/Cabbage:** Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. **Past rainfall, cloudy and humid weather favors** infestation of **black rot** disease in Cole crops, to manage this disease apply streptomycin sulphate 90.0% SP 10 gram in 200 liter water per acre.
- Chili** There are chances of infestation of Mites in Chili crop. Due to infestation of mites downward curling and crinkling of leaves occur. Plant appears stunted. To manage mites in chilli crop spray Ethion 50 % EC (@ 600-ml/acre or Spiromesifen 22.9 % SC @ 200-ml/acre

**Animal husbandry:**

Give animals mineral mixture along with salt regularly and also wheat grains, jaggery etc. @ 10%-20% in the daily ration during winter season to meet the energy requirement of the animals. • In Poultry, keep the chicks warm by providing artificial light in the poultry sheds.

**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 KANTAPADA



Bulletin No.-473

Date- 24/01/2024

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

The block received average 2mm & district received average 1mm rainfall during the last week. The mean daily maximum and minimum temperature was 25.14°C (-3.94°C from normal) and 16.85°C (+1.68°C from normal), respectively. Mean relative humidity of the district was around 76-83%.

**Forecasted period: Today (8.30 IST) to 29<sup>th</sup> January (8.30 IST) 2024**

**Weather advisory:** Moderate rainfall is forecasted for today and very light rainfall is forecasted for tomorrow dry weather is forecasted for other 3 days in the block. The day temperature will be 23-27°C and night temperature will be 15-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-88% and 35-76% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/01/2024	25/01/2024	26/01/2024	27/01/2024	28/01/2024
Rainfall (mm)	11	4	0	0	0
T-Max (°C)	23	25	26	27	27
T-Min (°C)	16	15	16	16	17
Cloud Cover (octa)	7	2	1	3	3
RH Max (%)	88	84	79	77	79
RH Min (%)	76	57	38	37	35
Wind Speed (Kmph)	15	11	9	6	6
Wind Direction (deg)	36	45	34	27	135

## Agromet Advisory

**General Advisory:** Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of forecasted light rain. They are advised to cover the harvested paddy with polythene cover to protect it from light rain. In view of rainfall, pause sowing of mustard, chemical application and irrigation activities.

### Pulses:

Past foggy and cold weather may aggravate the infestation of aphid and powdery mildew in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid 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. 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:

Due to anticipation of light rain Need based spraying and drenching with (carbendazim + mancozeb) or (metalaxyl + mancozeb) @ 2gm/ltr of water to protect the crop from collar rot, stem rot and tikka disease. Due to past foggy and cloudy weather there may be infestation of leaf rust in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

### Mustard:

Due to past foggy weather, there are chances of Aphid and stink bug infestation in early sown mustard crop. To manage aphids and stink bug at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. There may be chances of white rust disease in Mustard, to control spray Metalaxyl 2g/liter of water.

Forecasted humid weather with average temperature 18-25°C favors the development of sclerotinia rot in Mustard, if it will be found, apply 2gram carbendazim or 2ml propiconazole per liter water. Forecasted rainfall with humid weather is congenial for development of alternaria leaf blight in Mustard, if it will be found spray chlorothalonil 75% WP 2g/liter water.

### Vegetables:

#### Potato:

When the plants attain height of 15-25 cm go for the earthing up. Apply chlorpyrifos @ 2.5 ml/ltr of water against the attack of cut worm and leaf eating insect. Due to past foggy weather there are chances of 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.

#### Onion:

Forecasted rainfall favors the development of botrytis leaf blight in Onion. If it will found apply carbendazim 2g/ltr of water. Irrigate the crop at 10 days interval based upon forecast of rainfall. Go for hoeing, weeding and 1st top dressing with 45kg urea per acre crop area at 4 week stage of crop in upcoming 3 dry days. 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 in vegetables, spray Imidacloprid @ 5ml/10 lit of water.

**Cauliflower/Cabbage:** Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l. Past rainfall, cloudy and humid weather favors infestation of black rot disease in Cole crops, to manage this disease apply streptomycin sulphate 90.0% SP 10 gram in 200 liter water per acre.

**Chili:** There are chances of infestation of Mites in Chili crop. Due to infestation of mites downward curling and crinkling of leaves occur. Plant appears stunted. To manage mites in chilli crop spray Ethion 50 % EC @ 600-ml/acre or Spiromesifen 22.9 % SC @ 200-ml/acre

### Animal husbandry:

Give animals mineral mixture along with salt regularly and also wheat grains, jaggery etc. @ 10%-20% in the daily ration during winter season to meet the energy requirement of the animals. • In Poultry, keep the chicks warm by providing artificial light in the poultry sheds.

DrRanjan Kumar Mohanta  
(Nodal officer)



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**GRAMIN KRISHIMAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
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**Bulletin No.-473**  
**Date- 24/01/2024**

**AGROMET ADVISORY BULLETIN FOR MAHANGA**

**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 **25.14°C (-3.94°C from normal)** and **16.85°C (+1.68°C from normal)**, respectively. Mean relative humidity of the district was around 76-83%.

**Forecasted period: Today(8.30IST) to 29<sup>th</sup> January (8.30IST)2024**

**Weather advisory::** *Moderate rainfall is forecasted for today and very light rainfall is forecasted for tomorrow dry weather is forecasted for other 3days in the block.* The day temperature will be and it will be **20-27°C** and night temperature will be **15-17°C** for upcoming 5 days. Maximum and minimum relative humidity will 76-88% and 32-77% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/01/2024	25/01/2024	26/01/2024	27/01/2024	28/01/2024
Rainfall(mm)	12	3	0	0	0
T-Max(°C)	20	25	26	27	27
T-Min(°C)	16	15	16	17	17
Cloud Cover(octal)	7	1	1	3	5
RH Max (%)	88	83	76	76	79
RH Min (%)	77	53	37	35	32
Wind Speed (Kmph)	13	10	7	5	4
Wind Direction (deg)	32	58	45	109	79

**Agro-met Advisory**

**General Advisory:** Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of forecasted light rain. They are advised to cover the harvested paddy with polythine cover to protect it from light rain. In view of rainfall, pause sowing of mustard, chemical application and irrigation activities.

**Pulses:**

**Past Foggy and cold weather** may aggravate the infestation of **aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid 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. 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:**

**Due to anticipation of light rain** Need based spraying and drenching with (carbendazim + mancozeb) or (metalaxyl + mancozeb) @ 2gm/lit of water to protect the crop from **collar rot, stem rot and tikka disease**. **Due to past foggy and cloudy weather** there may be infestation of **leaf rust** in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

**Mustard:**

**Due to past foggy weather**, there are chances of **Aphid** and **stink bug** infestation in early sown mustard crop. To manage aphids and stink bug at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. There may be chances of **white rust disease** in Mustard, to control spray Metalaxyl 2g/liter of water. **Forecasted humid weather with average temperature 18-25°C** favors the development of **sclerotinia rot** in Mustard, if it will be found, apply 2gram carbendazim or 2ml propiconazole per liter water. **Forecasted rainfall with humid weather** is congenial for development of **alternaria leaf blight** in Mustard, if it will be found spray chlorothalonil 75%WP 2g/liter water.

**Vegetables:**

**Potato:**

When the plants attain height of 15-25 cm go for the earthing up. Apply chlorpyrifos @ 2.5 ml/ltr of water against the attack of **cut worm and leaf eating insect**. **Due to past foggy weather** there are chances of **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.

**Onion:**

**Forecasted rainfall** favors the development of **botrytis leaf blight** in Onion. If it will found apply carbendazim 2g/ltr of water. Irrigate the crop at 10 days interval based upon forecast of rainfall. Go for hoeing, weeding and 1st top dressing with 45kg urea per acre crop area at 4 week stage of crop in upcoming 3dry days. **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** in vegetables, spray Imidacloprid @ 5ml/10 lit of water.
- Cauliflower/Cabbage:** Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. **Past rainfall, cloudy and humid weather** favors infestation of **black rot** disease in Cole crops, to manage this disease apply streptomycin sulphate 90.0% SP 10 gram in 200 liter water per acre.
- Chili** There are chances of infestation of Mites in Chili crop. Due to infestation of mites downward curling and crinkling of leaves occur. Plant appears stunted. To manage mites in chilli crop spray Ethion 50 % EC (@ 600-ml/acre or Spiromesifen 22.9 % SC @ 200-ml/acre

**Animal husbandry:**

Give animals mineral mixture along with salt regularly and also wheat grains, jaggery etc. @ 10%-20% in the daily ration during winter season to meet the energy requirement of the animals. • In Poultry, keep the chicks warm by providing artificial light in the poultry sheds.

**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.-473

Date- 24/01/2024

## 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 **25.14°C (-3.94°C from normal)** and **16.85°C (+1.68°C from normal)**, respectively. Mean relative humidity of the district was around 76-83%.

### Forecasted period: Today (8.30 IST) to 29<sup>th</sup> January (8.30 IST) 2024

**Weather advisory:** Light rainfall is forecasted for today and dry weather is forecasted for other 4 days in the block. The day temperature will be 21-27°C and night temperature will be 14-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-94% and 28-64% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/01/2024	25/01/2024	26/01/2024	27/01/2024	28/01/2024
Rainfall (mm)	9	0	0	0	0
T-Max (°C)	21	27	26	26	26
T-Min (°C)	15	14	15	15	15
Cloud Cover (/octa)	7	3	3	4	5
RH Max (%)	90	89	91	91	94
RH Min (%)	64	43	34	29	28
Wind Speed (Kmph)	6	5	6	4	5
Wind Direction (deg)	56	79	158	158	162

### Agromet Advisory

**General Advisory:** Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of forecasted light rain. They are advised to cover the harvested paddy with polythene cover to protect it from light rain. In view of rainfall, pause sowing of mustard, chemical application and irrigation activities.

#### Pulses:

**Past Foggy and cold weather** may aggravate the infestation of **aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid 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. 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:

**Due to anticipation of light rain** Need based spraying and drenching with (carbendazim + mancozeb) or (metalaxyl + mancozeb) @ 2gm/lit of water to protect the crop from **collar rot, stem rot and tikka disease**. **Due to past foggy and cloudy weather** there may be infestation of **leaf rust** in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

#### Mustard:

**Due to past foggy weather**, there are chances of **Aphid** and **stink bug** infestation in early sown mustard crop. To manage aphids and stink bug at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. There may be chances of **white rust disease** in Mustard, to control spray Metalaxyl 2g/liter of water.

**Forecasted humid weather with average temperature 18-25°C** favors the development of **sclerotinia rot** in Mustard, if it will be found, apply 2gram carbendazim or 2ml propiconazole per liter water. **Forecasted rainfall with humid weather** is congenial for development of **alternaria leaf blight** in Mustard, if it will be found spray chlorothalonil 75% WP 2g/liter water.

#### Vegetables:

##### Potato:

When the plants attain height of 15-25 cm go for the earthing up. Apply chlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect**. **Due to past foggy weather** there are chances of **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.

##### Onion:

**Forecasted rainfall favors the development of botrytis leaf blight in Onion**. If it will be found apply carbendazim 2g/ltr of water. Irrigate the crop at 10 days interval based upon forecast of rainfall. Go for hoeing, weeding and 1st top dressing with 45kg urea per acre crop area at 4 week stage of crop in upcoming 3 dry days. **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** in vegetables, spray Imidacloprid @ 5ml/10 lit of water.
- Cauliflower/Cabbage:** Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. **Past rainfall, cloudy and humid weather** favors infestation of **black rot** disease in Cole crops, to manage this disease apply streptomycin sulphate 90.0% SP 10 gram in 200 liter water per acre.
- Chili:** There are chances of infestation of Mites in Chili crop. Due to infestation of mites downward curling and crinkling of leaves occur. Plant appears stunted. To manage mites in chilli crop spray Ethion 50 % EC (@ 600-ml/acre or Spiromesifen 22.9 % SC @ 200-ml/acre

#### Animal husbandry:

- Give animals mineral mixture along with salt regularly and also wheat grains, jaggery etc. @ 10%-20% in the daily ration during winter season to meet the energy requirement of the animals.
- In Poultry, keep the chicks warm by providing artificial light in the poultry sheds.

DrRanjan Kumar Mohanta  
(Nodal officer)



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**GRAMIN KRISHIMAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
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**Bulletin No.-473**  
**Date- 24/01/2024**

**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 **25.14°C (-3.94°C from normal)** and **16.85°C (+1.68°C from normal)**, respectively. Mean relative humidity of the district was around 76-83%.

**Forecasted period: Today (8.30 IST) to 29<sup>th</sup> January (8.30 IST) 2024**

**Weather advisory:** *Moderate rainfall is forecasted for today and very light rainfall is forecasted for tomorrow dry weather is forecasted for other 3 days in the block.* The day temperature will be **24-26°C** and night temperature will be **15-17°C** for upcoming 5 days. Maximum and minimum relative humidity will be 77-89% and 38-75% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/01/2024	25/01/2024	26/01/2024	27/01/2024	28/01/2024
Rainfall (mm)	11	3	0	0	0
T-Max (°C)	24	25	26	26	26
T-Min (°C)	16	15	16	16	17
Cloud Cover (octa)	7	2	0	2	2
RH Max (%)	89	85	79	77	79
RH Min (%)	75	60	41	40	38
Wind Speed (Kmph)	16	12	9	7	7
Wind Direction (deg)	23	58	109	27	135

**Agromet Advisory**

**General Advisory:** Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of forecasted light rain. They are advised to cover the harvested paddy with polythene cover to protect it from light rain. In view of rainfall, pause sowing of mustard, chemical application and irrigation activities.

**Pulses:**

**Past Foggy and cold weather** may aggravate the infestation of **aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid 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. 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:**

**Due to anticipation of light rain** Need based spraying and drenching with (carbendazim + mancozeb) or (metalaxyl + mancozeb) @ 2gm/ltr of water to protect the crop from **collar rot, stem rot and tikka disease**. **Due to past foggy and cloudy weather** there may be infestation of **leaf rust** in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

**Mustard:**

**Due to past foggy weather**, there are chances of **Aphid** and **stink bug** infestation in early sown mustard crop. To manage aphids and stink bug at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. There may be chances of **white rust disease** in Mustard, to control spray Metalaxyl 2g/liter of water. **Forecasted humid weather with average temperature 18-25°C** favors the development of **sclerotinia rot** in Mustard, if it will be found, apply 2gram carbendazim or 2ml propiconazole per liter water. **Forecasted rainfall with humid weather** is congenial for development of **alternaria leaf blight** in Mustard, if it will be found spray chlorothalonil 75% WP 2g/liter water.

**Vegetables:**

**Potato:**

When the plants attain height of 15-25 cm go for the earthing up. Apply chlorpyrifos @ 2.5 ml/ltr of water against the attack of **cut worm and leaf eating insect**. **Due to past foggy weather** there are chances of **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.

**Onion:**

**Forecasted rainfall favors the development of botrytis leaf blight in Onion.** If it will be found apply carbendazim 2g/ltr of water. Irrigate the crop at 10 days interval based upon forecast of rainfall. Go for hoeing, weeding and 1st top dressing with 45kg urea per acre crop area at 4 week stage of crop in upcoming 3 dry days. **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** in vegetables, spray Imidacloprid @ 5ml/10 lit of water.

**Cauliflower/Cabbage:** Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. **Past rainfall, cloudy and humid weather favors** infestation of **black rot** disease in Cole crops, to manage this disease apply streptomycin sulphate 90.0% SP 10 gram in 200 liter water per acre.

**Chili:** There are chances of infestation of Mites in Chili crop. Due to infestation of mites downward curling and crinkling of leaves occur. Plant appears stunted. To manage mites in chilli crop spray Ethion 50 % EC (@ 600-ml/acre or Spiromesifen 22.9 % SC @ 200-ml/acre

**Animal husbandry:**

Give animals mineral mixture along with salt regularly and also wheat grains, jaggery etc. @ 10%-20% in the daily ration during winter season to meet the energy requirement of the animals. • In Poultry, keep the chicks warm by providing artificial light in the poultry sheds.

**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)

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AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI



Bulletin No.-473

Date- 24/01/2024

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

The block received average 0.3mm&district received average 1mmrainfall during the last week. The mean daily maximum and minimum temperature was **25.14°C (-3.94°Cfrom normal)** and **16.85°C (+1.68°C from normal)**, respectively. Mean relativehumidity of thedistrict was around 76-83%.

**Forecasted period: Today(8.30IST) to 29<sup>th</sup>January (8.30IST)2024**

**Weatheradvisory: Moderate rainfall is forecasted for today and very light rainfall is forecasted for tomorrow dry weather is forecasted for other 3days in the block.** The day temperature will be 21-27°C and night temperature will be 15-17°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 77-88% and 32-76% respectively. **There will be clear to partly cloudy skyfor next 5days.**

Block	Nischintakoili(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/01/2024	25/01/2024	26/01/2024	27/01/2024	28/01/2024
Rainfall(mm)	12	4	0	0	0
T-Max(°C)	21	26	26	27	27
T-Min(°C)	17	15	16	17	17
Cloud Cover(octa)	7	2	1	3	5
RH Max (%)	88	84	77	77	79
RH Min (%)	76	54	37	35	32
Wind Speed (Kmph)	14	10	8	6	5
Wind Direction (deg)	45	58	45	109	146

### Agromet Advisory

**General Advisory:** Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of forecasted light rain. They are advised to cover the harvested paddy with polythine cover to protect it from light rain. In view of rainfall, pause sowing of mustard, chemical application and irrigation activities.

#### Pulses:

**Past Foggy and cold weather** may aggravate the infestation of **aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid 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. 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:

**Due to anticipation of light rain** Need based spraying and drenching with (carbendazim + mancozeb) or( metalaxyl + mancozeb) @ 2gm/lit of water to protect the crop from **collar rot, stem rot and tikka disease**. **Due to past foggy and cloudy weather** there may be infestation of **leaf rust** in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

#### Mustard:

**Due to past foggy weather**, there are chances of **Aphid** and **stink bug** infestation in early sown mustard crop. To manage aphids and stink bug at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. There may be chances of **white rust disease** in Mustard, to control spray Metalaxyl 2g/liter of water. **Forecasted humid weather with average temperature 18-25°C** favors the development of **sclerotinia rot** in Mustard, if it will be found, apply 2gram carbendazim or 2ml propiconazole per liter water. **Forecasted rainfall with humid weather** is congenial for development of **alternaria leaf blight** in Mustard, if it will be found spray chlorothalonil 75%WP 2g/liter water.

#### Vegetables:

##### Potato:

When the plants attain height of 15-25 cm go for the earthing up. Apply chlorpyrifos @ 2.5 ml/ltr of water against the attack of **cut worm and leaf eating insect**. **Due to past foggy weather** there are chances of **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.

##### Onion:

**Forecasted rainfall favors the development of botrytis leaf blight in Onion**. If it will found apply carbendazim 2g/ltr of water. Irrigate the crop at 10 days interval based upon forecast of rainfall. Go for hoeing, weeding and 1st top dressing with 45kg urea per acre crop area at 4 week stage of crop in upcoming 3dry days. **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** in vegetables, spray Imidacloprid @ 5ml/10 lit of water.
- Cauliflower/Cabbage:** Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. **Past rainfall, cloudy and humid weather favors** infestation of **black rot** disease in Cole crops, to manage this disease apply streptomycin sulphate 90.0% SP 10 gram in 200 liter water per acre.
- Chili** There are chances of infestation of Mites in Chili crop. Due to infestation of mites downward curling and crinkling of leaves occur. Plant appears stunted. To manage mites in chilli crop spray Ethion 50 % EC (@ 600-ml/acre or Spiromesifen 22.9 % SC @ 200-ml/acre

#### Animal husbandry:

- Give animals mineral mixture along with salt regularly and also wheat grains, jaggery etc. @ 10%-20% in the daily ration during winter season to meet the energy requirement of the animals. • In Poultry, keep the chicks warm by providing artificial light in the poultry sheds.

DrRanjan Kumar Mohanta  
(Nodal officer)



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**Bulletin No.-473**  
**Date- 24/01/2024**

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

**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 **25.14°C (-3.94°C from normal)** and **16.85°C (+1.68°C from normal)**, respectively. Mean relative humidity of the district was around 76-83%.

**Forecasted period: Today (8.30 IST) to 29<sup>th</sup> January (8.30 IST) 2024**

**Weather advisory::** Moderate rainfall is forecasted for today and very light rainfall is forecasted for tomorrow dry weather is forecasted for other 3 days in the block. The day temperature will be 21-27°C and night temperature will be 15-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-88% and 31-77% 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	24/01/2024	25/01/2024	26/01/2024	27/01/2024	28/01/2024
Rainfall (mm)	12	4	0	0	0
T-Max (°C)	21	26	26	27	27
T-Min (°C)	17	15	16	17	17
Cloud Cover (octa)	7	2	1	3	5
RH Max (%)	88	83	77	76	79
RH Min (%)	77	53	36	35	31
Wind Speed (Kmph)	14	10	8	5	5
Wind Direction (deg)	32	58	45	109	135

**Agromet Advisory**

**General Advisory:** Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of forecasted light rain. They are advised to cover the harvested paddy with polythene cover to protect it from light rain. In view of rainfall, pause sowing of mustard, chemical application and irrigation activities.

**Pulses:**

**Past Foggy and cold weather** may aggravate the infestation of **aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid 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. 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:**

**Due to anticipation of light rain** Need based spraying and drenching with (carbendazim + mancozeb) or (metalaxyl + mancozeb) @ 2gm/ltr of water to protect the crop from **collar rot, stem rot and tikka disease**. **Due to past foggy and cloudy weather** there may be infestation of **leaf rust** in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

**Mustard:**

**Due to past foggy weather**, there are chances of **Aphid** and **stink bug** infestation in early sown mustard crop. To manage aphids and stink bug at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. There may be chances of **white rust disease** in Mustard, to control spray Metalaxyl 2g/liter of water.

**Forecasted humid weather with average temperature 18-25°C** favors the development of **sclerotinia rot** in Mustard, if it will be found, apply 2gram carbendazim or 2ml propiconazole per liter water. **Forecasted rainfall with humid weather** is congenial for development of **alternaria leaf blight** in Mustard, if it will be found spray chlorothalonil 75% WP 2g/liter water.

**Vegetables:**

**Potato:**

When the plants attain height of 15-25 cm go for the earthing up. Apply chlorpyrifos @ 2.5 ml/ltr of water against the attack of **cut worm and leaf eating insect**. **Due to past foggy weather** there are chances of **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.

**Onion:**

**Forecasted rainfall** favors the development of **botrytis leaf blight** in Onion. If it will be found apply carbendazim 2g/ltr of water. Irrigate the crop at 10 days interval based upon forecast of rainfall. Go for hoeing, weeding and 1st top dressing with 45kg urea per acre crop area at 4 week stage of crop in upcoming 3 dry days. **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** in vegetables, spray Imidacloprid @ 5ml/10 lit of water.
- Cauliflower/Cabbage:** Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. **Past rainfall, cloudy and humid weather** favors infestation of **black rot** disease in Cole crops, to manage this disease apply streptomycin sulphate 90.0% SP 10 gram in 200 liter water per acre.
- Chili** There are chances of infestation of Mites in Chili crop. Due to infestation of mites downward curling and crinkling of leaves occur. Plant appears stunted. To manage mites in chili crop spray Ethion 50 % EC (@ 600-ml/acre or Spiromesifen 22.9 % SC @ 200-ml/acre

**Animal husbandry:**

- Give animals mineral mixture along with salt regularly and also wheat grains, jaggery etc. @ 10%-20% in the daily ration during winter season to meet the energy requirement of the animals.
- In Poultry, keep the chicks warm by providing artificial light in the poultry sheds.

**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.-473

Date- 24/01/2024

## AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 0mm & district received average 1mm rainfall during the last week. The mean daily maximum and minimum temperature was 25.14°C (-3.94°C from normal) and 16.85°C (+1.68°C from normal), respectively. Mean relative humidity of the district was around 76-83%.

### Forecasted period: Today (8.30 IST) to 29<sup>th</sup> January (8.30 IST) 2024

**Weather advisory:** Moderate rainfall is forecasted for today and dry weather is forecasted for tomorrow to Sunday in the block. The day temperature will be 23-28°C and night temperature will be 19-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-88% and 41-76% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/01/2024	25/01/2024	26/01/2024	27/01/2024	28/01/2024
Rainfall (mm)	12	0	0	0	0
T-Max (°C)	23	25	27	28	28
T-Min (°C)	20	19	20	20	20
Cloud Cover (octa)	8	1	0	1	2
RH Max (%)	88	79	71	74	77
RH Min (%)	76	63	48	41	44
Wind Speed (Kmph)	17	14	11	9	7
Wind Direction (deg)	30	45	90	90	109

### Agromet Advisory

**General Advisory:** Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of forecasted light rain. They are advised to cover the harvested paddy with polythene cover to protect it from light rain. In view of rainfall, pause sowing of mustard, chemical application and irrigation activities.

#### Pulses:

**Past Foggy and cold weather** may aggravate the infestation of **aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid 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. 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:

**Due to anticipation of light rain** Need based spraying and drenching with (carbendazim + mancozeb) or (metalaxyl + mancozeb) @ 2gm/ltr of water to protect the crop from **collar rot, stem rot and tikka disease**. **Due to past foggy and cloudy weather** there may be infestation of **leaf rust** in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

#### Mustard:

**Due to past foggy weather**, there are chances of **Aphid** and **stink bug** infestation in early sown mustard crop. To manage aphids and stink bug at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. There may be chances of **white rust disease** in Mustard, to control spray Metalaxyl 2g/liter of water.

**Forecasted humid weather with average temperature 18-25°C** favors the development of **sclerotinia rot** in Mustard, if it will be found, apply 2gram carbendazim or 2ml propiconazole per liter water. **Forecasted rainfall with humid weather** is congenial for development of **alternaria leaf blight** in Mustard, if it will be found spray chlorothalonil 75% WP 2g/liter water.

#### Vegetables:

##### Potato:

When the plants attain height of 15-25 cm go for the earthing up. Apply chlorpyrifos @ 2.5 ml/ltr of water against the attack of **cut worm and leaf eating insect**. **Due to past foggy weather** there are chances of **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.

##### Onion:

**Forecasted rainfall favors the development of botrytis leaf blight in Onion**. If it will be found apply carbendazim 2g/ltr of water. Irrigate the crop at 10 days interval based upon forecast of rainfall. Go for hoeing, weeding and 1st top dressing with 45kg urea per acre crop area at 4 week stage of crop in upcoming 3 dry days. **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** in vegetables, spray Imidacloprid @ 5ml/10 lit of water.

**Cauliflower/Cabbage:** Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. **Past rainfall, cloudy and humid weather favors** infestation of **black rot** disease in Cole crops, to manage this disease apply streptomycin sulphate 90.0% SP 10 gram in 200 liter water per acre.

**Chili:** There are chances of infestation of Mites in Chili crop. Due to infestation of mites downward curling and crinkling of leaves occur. Plant appears stunted. To manage mites in chilli crop spray Ethion 50 % EC @ 600-ml/acre or Spiromesifen 22.9 % SC @ 200-ml/acre

#### Animal husbandry:

Give animals mineral mixture along with salt regularly and also wheat grains, jaggery etc. @ 10%-20% in the daily ration during winter season to meet the energy requirement of the animals. • In Poultry, keep the chicks warm by providing artificial light in the poultry sheds.

DrRanjan Kumar Mohanta  
(Nodal officer)



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**Bulletin No.-473**  
**Date- 24/01/2024**

**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 **25.14°C (-3.94°C from normal)** and **16.85°C (+1.68°C from normal)**, respectively. Mean relative humidity of the district was around 76-83%.

**Forecasted period: Today (8.30 IST) to 29<sup>th</sup> January (8.30 IST) 2024**

**Weather advisory:** *Light rainfall is forecasted for today and dry weather is forecasted for other 4 days in the block.* The day temperature will be **20-27°C** and night temperature will be **14-16°C** for upcoming 5 days. Maximum and minimum relative humidity will be 78-89% and 29-74% 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	24/01/2024	25/01/2024	26/01/2024	27/01/2024	28/01/2024
Rainfall (mm)	8	0	0	0	0
T-Max (°C)	20	25	27	27	27
T-Min (°C)	16	14	16	15	16
Cloud Cover (octa)	7	2	3	5	6
RH Max (%)	89	87	85	78	86
RH Min (%)	74	47	31	31	29
Wind Speed (Kmph)	9	7	6	5	6
Wind Direction (deg)	45	68	135	79	153

**Agro met Advisory**

**General Advisory:** Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of forecasted light rain. They are advised to cover the harvested paddy with polythene cover to protect it from light rain. In view of rainfall, pause sowing of mustard, chemical application and irrigation activities.

**Pulses:**

Past foggy and cold weather may aggravate the infestation of **aphid and powdery mildew** in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid 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. 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:**

Due to anticipation of light rain Need based spraying and drenching with (carbendazim + mancozeb) or (metalaxyl + mancozeb) @ 2gm/lit of water to protect the crop from **collar rot, stem rot and tikka disease**. Due to past foggy and cloudy weather there may be infestation of **leaf rust** in Groundnut to control this apply tebuconazole 25.9% EC 2ml or bitertanol 25.0% WP 2 gram per liter water.

**Mustard:**

Due to past foggy weather, there are chances of **Aphid** and **stink bug** infestation in early sown mustard crop. To manage aphids and stink bug at early stage, put 8 number of yellow sticky traps per acre and to manage Aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre in 200-liter of water. There may be chances of **white rust disease** in Mustard, to control spray Metalaxyl 2g/liter of water. **Forecasted humid weather with average temperature 18-25°C** favors the development of **sclerotinia rot** in Mustard, if it will be found, apply 2gram carbendazim or 2ml propiconazole per liter water. **Forecasted rainfall with humid weather** is congenial for development of **alternaria leaf blight** in Mustard, if it will be found spray chlorothalonil 75%WP 2g/liter water.

**Vegetables:**

**Potato:**

When the plants attain height of 15-25 cm go for the earthing up. Apply chlorpyrifos @ 2.5 ml/ltr of water against the attack of **cut worm and leaf eating insect**. Due to past foggy weather there are chances of **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.

**Onion:**

**Forecasted rainfall** favors the development of **botrytis leaf blight** in Onion. If it will be found apply carbendazim 2g/ltr of water. Irrigate the crop at 10 days interval based upon forecast of rainfall. Go for hoeing, weeding and 1st top dressing with 45kg urea per acre crop area at 4 week stage of crop in upcoming 3dry days. **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** in vegetables, spray Imidacloprid @ 5ml/10 lit of water.

**Cauliflower/Cabbage:** Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. **Past rainfall, cloudy and humid weather** favors infestation of **black rot** disease in Cole crops, to manage this disease apply streptomycin sulphate 90.0% SP 10 gram in 200 liter water per acre.

**Chili:** There are chances of infestation of Mites in Chili crop. Due to infestation of mites downward curling and crinkling of leaves occur. Plant appears stunted. To manage mites in chilli crop spray Ethion 50 % EC (@ 600-ml/acre or Spiromesifen 22.9 % SC @ 200-ml/acre

**Animal husbandry:**

Give animals mineral mixture along with salt regularly and also wheat grains, jaggery etc. @ 10%-20% in the daily ration during winter season to meet the energy requirement of the animals. • In Poultry, keep the chicks warm by providing artificial light in the poultry sheds.

**DrRanjan Kumar Mohanta**  
(Nodal officer)



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APP for Lightening alert in your area



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**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
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Bulletin No.-473  
 Date- 24/01/2024

				
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>	