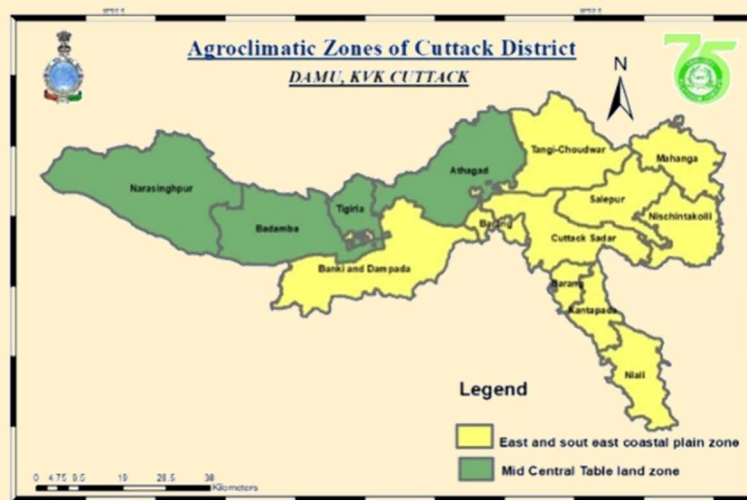




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 19th January, 2024
(For the period 19th to 23rd 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














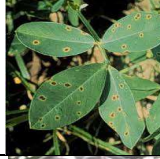

(A Unit of ICAR-National Rice Research Institute)

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Bulletin No.-472

Date- 19/01/2024

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
				White rust
3	Rabi Groundnut	Vegetative to flowering stage		Rust
				Collar rot
				Tikka disease
4	Vegetables (Tomato, Chilli, Brinjal)	Vegetative to fruiting		Thrips

DrRanjan Kumar Mohanta
(Nodal officer)



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				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

DrRanjan Kumar Mohanta
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR ATHAGAD



Bulletin No.-472
Date- 19/01/2024

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

The block received average 0mm & district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **26.97°C (-1.67°C from normal)** and **17.14°C (+2.19°C from normal)**, respectively. Mean relative humidity of the district was around 73-81%.

Forecasted period: Today (8.30 IST) to 24th January (8.30 IST) 2024

Weather advisory: *Very light rainfall is forecasted for Monday and Tuesday and dry weather is forecasted for today to Sunday in the block.* The day temperature will be 25-26°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 93-95% and 45-58% 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	19/01/2024	20/01/2024	21/01/2024	22/01/2024	23/01/2024
Rainfall (mm)	0	0	0	2	3
T-Max (°C)	26	26	25	26	26
T-Min (°C)	18	19	19	19	19
Cloud Cover (octa)	3	2	5	5	3
RH Max (%)	94	95	95	93	95
RH Min (%)	49	45	58	50	48
Wind Speed (kmph)	8	9	8	9	11
Wind Direction (deg)	113	156	158	122	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 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 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.-472
Date- 19/01/2024

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 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **26.97°C (-1.67°C from normal)** and **17.14°C (+2.19°C from normal)**, respectively. Mean relative humidity of the district was around 73-81%.

Forecasted period: Today(8.30IST) to 24th January (8.30IST)2024

Weather advisory: *Very light rainfall is forecasted for Monday and Tuesday and dry weather is forecasted for today to Sunday in the block.* The day temperature will be **25-27°C** and night temperature will be **17-18°C** for upcoming 5 days. Maximum and minimum relative humidity will be 95-96% and 44-55% 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	19/01/2024	20/01/2024	21/01/2024	22/01/2024	23/01/2024
Rainfall(mm)	0	0	0	2	3
T-Max(°C)	26	27	25	26	26
T-Min(°C)	17	18	18	18	18
Cloud Cover(octa)	2	1	4	5	3
RH Max (%)	96	96	95	95	96
RH Min (%)	47	44	55	47	48
Wind Speed (Kmph)	8	9	7	9	10
Wind Direction (deg)	117	159	113	135	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/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.-472
Date- 19/01/2024

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **26.97°C (-1.67°C from normal)** and **17.14°C (+2.19°C from normal)**, respectively. Mean relative humidity of the district was around 73-81%.

Forecasted period: Today(8.30IST) to 24th January (8.30IST)2024

Weather advisory: *Very light rainfall is forecasted for Monday and Tuesday and dry weather is forecasted for today to Sunday in the block.* The day temperature will be **25-26°C** and night temperature will be **18-19°C** for upcoming 5 days. Maximum and minimum relative humidity will be 93-95% and 46-55% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Banki(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/01/2024	20/01/2024	21/01/2024	22/01/2024	23/01/2024
Rainfall(mm)	0	0	0	2	3
T-Max(°C)	25	26	25	26	26
T-Min(°C)	18	18	18	18	19
Cloud Cover(octa)	2	2	4	5	3
RH Max (%)	95	95	94	93	95
RH Min (%)	51	46	55	50	49
Wind Speed (Kmph)	8	9	9	9	11
Wind Direction (deg)	116	156	158	148	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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Bulletin No.-472

Date- 19/01/2024

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **26.97°C (-1.67°C from normal)** and **17.14°C (+2.19°C from normal)**, respectively. Mean relative humidity of the district was around 73-81%.

Forecasted period: Today(8.30IST) to 24th January (8.30IST)2024

Weather Advisory: *Very light rainfall is forecasted for Monday and Tuesday and dry weather is forecasted for today to Sunday in the block.* The day temperature will be **25-26°C** and night temperature will be **18-19°C** for upcoming 5 days. Maximum and minimum relative humidity will be 93-95% and 46-56% 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	19/01/2024	20/01/2024	21/01/2024	22/01/2024	23/01/2024
Rainfall(mm)	0	0	0	2	3
T-Max(°C)	26	26	25	26	26
T-Min(°C)	18	18	18	18	19
Cloud Cover(octa)	2	1	4	5	3
RH Max (%)	95	95	94	93	95
RH Min (%)	52	46	56	50	49
Wind Speed (Kmph)	8	9	9	9	11
Wind Direction (deg)	116	156	158	148	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/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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Bulletin No.-472
Date- 19/01/2024

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 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **26.97°C (-1.67°C from normal)** and **17.14°C (+2.19°C from normal)**, respectively. Mean relative humidity of the district was around 73-81%.

Forecasted period: Today(8.30IST) to 24th January (8.30IST)2024

Weather advisory: *Very light rainfall is forecasted for Monday and Tuesday and dry weather is forecasted for today to Sunday in the block.* The day temperature will be 26°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-93% and 47-57% 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	19/01/2024	20/01/2024	21/01/2024	22/01/2024	23/01/2024
Rainfall(mm)	0	0	0	4	5
T-Max(°C)	26	26	26	26	26
T-Min(°C)	18	19	19	20	19
Cloud Cover	2	2	5	5	3
RH Max (%)	93	92	93	88	91
RH Min (%)	53	47	57	55	55
Wind Speed (Kmph)	7	9	9	8	10
Wind Direction (deg)	79	156	165	135	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/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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 APP for Lightening alert in your area



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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 CUTTACK SADAR



Bulletin No.-472

Date- 19/01/2024

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

The block received average 0mm & district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was **26.97°C (-1.67°C from normal)** and **17.14°C (+2.19°C from normal)**, respectively. Mean relative humidity of the district was around 73-81%.

Forecasted period: Today(8.30IST) to 24th January (8.30IST)2024

Weather advisory: *Very light rainfall is forecasted for Monday and Tuesday and dry weather is forecasted for today to Sunday in the block.* The day temperature will be 26°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-94% and 46-59% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/01/2024	20/01/2024	21/01/2024	22/01/2024	23/01/2024
Rainfall(mm)	0	0	0	4	5
T-Max(°C)	26	26	26	26	26
T-Min(°C)	18	19	19	20	20
Cloud Cover(octa)	2	2	5	5	3
RH Max (%)	92	92	94	89	91
RH Min (%)	52	46	59	52	53
Wind Speed (Kmph)	7	8	8	8	10
Wind Direction (deg)	79	156	165	117	122

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.
- 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 KANTAPADA



Bulletin No.-472

Date- 19/01/2024

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **26.97°C (-1.67°C from normal)** and **17.14°C (+2.19°C from normal)**, respectively. Mean relative humidity of the district was around 73-81%.

Forecasted period: Today(8.30IST) to 24th January (8.30IST)2024

Weather advisory: *Very light rainfall is forecasted for Monday and Tuesday and dry weather is forecasted for today to Sunday in the block.* The day temperature will be **26°C** and night temperature will be **18-20°C** for upcoming 5 days. Maximum and minimum relative humidity will be 85-93% and 49-57% 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	19/01/2024	20/01/2024	21/01/2024	22/01/2024	23/01/2024
Rainfall(mm)	0	0	0	4	5
T-Max(°C)	26	26	26	26	26
T-Min(°C)	18	19	20	20	20
Cloud Cover(octa)	2	1	5	5	3
RH Max (%)	93	88	90	85	88
RH Min (%)	55	49	56	57	56
Wind Speed (Kmph)	7	9	9	8	10
Wind Direction (deg)	90	156	191	135	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/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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AGROMET ADVISORY BULLETIN FOR MAHANGA



Bulletin No.-472
Date- 19/01/2024

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

The block received average 0mm & district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was **26.97°C (-1.67°C from normal)** and **17.14°C (+2.19°C from normal)**, respectively. Mean relative humidity of the district was around 73-81%.

Forecasted period: Today(8.30IST) to 24th January (8.30IST) 2024

Weather advisory: *Very light rainfall is forecasted for Monday and Tuesday and dry weather is forecasted for today to Sunday in the block.* The day temperature will be and it will be **25-26°C** and night temperature will be **18-19°C** for upcoming 5 days. Maximum and minimum relative humidity will 86-91% and 49-57% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/01/2024	20/01/2024	21/01/2024	22/01/2024	23/01/2024
Rainfall(mm)	0	0	0	4	5
T-Max(°C)	26	26	26	25	26
T-Min(°C)	18	19	19	19	19
Cloud Cover(octal)	2	1	6	5	3
RH Max (%)	91	87	90	88	86
RH Min (%)	51	49	56	57	56
Wind Speed (Kmph)	7	7	7	7	8
Wind Direction (deg)	71	152	161	114	135

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/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

(A Unit of ICAR-National Rice Research Institute)

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



Bulletin No.-472

Date- 19/01/2024

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

The block received average 0mm & district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was **26.97°C (-1.67°C from normal)** and **17.14°C (+2.19°C from normal)**, respectively. Mean relative humidity of the district was around 73-81%.

Forecasted period: Today (8.30 IST) to 24th January (8.30 IST) 2024

Weather advisory: *Very light rainfall is forecasted for Monday and Tuesday and dry weather is forecasted for today to Sunday in the block.* The day temperature will be 24-28°C and night temperature will be 16-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 96-98% and 44-56% 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	19/01/2024	20/01/2024	21/01/2024	22/01/2024	23/01/2024
Rainfall (mm)	0	0	0	2	3
T-Max (°C)	26	26	24	28	27
T-Min (°C)	17	16	17	17	17
Cloud Cover (octa)	2	1	3	5	3
RH Max (%)	97	98	96	97	98
RH Min (%)	45	44	56	45	45
Wind Speed (Kmph)	7	7	6	6	8
Wind Direction (deg)	148	159	70	122	148

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
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Bulletin No.-472
Date- 19/01/2024

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 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was **26.97°C (-1.67°C from normal)** and **17.14°C (+2.19°C from normal)**, respectively. Mean relative humidity of the district was around 73-81%.

Forecasted period: Today (8.30 IST) to 24th January (8.30 IST) 2024

Weather advisory: *Very light rainfall is forecasted for Monday and Tuesday and dry weather is forecasted for today to Sunday in the block.* The day temperature will be **26-27°C** and night temperature will be **18-20°C** for upcoming 5 days. Maximum and minimum relative humidity will be 83-93% and 50-58% 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	19/01/2024	20/01/2024	21/01/2024	22/01/2024	23/01/2024
Rainfall (mm)	0	0	0	4	5
T-Max (°C)	26	27	26	26	26
T-Min (°C)	18	20	20	20	20
Cloud Cover (octa)	2	1	5	4	4
RH Max (%)	93	86	88	83	85
RH Min (%)	56	50	57	58	57
Wind Speed (Kmph)	8	9	9	8	10
Wind Direction (deg)	90	154	191	135	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/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 2gm 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.

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Bulletin No.-472
Date- 19/01/2024

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

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **26.97°C (-1.67°Cfrom normal)** and **17.14°C (+2.19°C from normal)**, respectively. Mean relative humidity of the district was around 73-81%.

Forecasted period: Today(8.30IST) to 24thJanuary (8.30IST)2024

Weatheradvisory: Very light rainfall is forecasted for Monday and Tuesday and dry weather is forecasted for today to Sunday in the block. The day temperature will be 25-26°C and night temperature will be 18-20°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 86-91% and 49-56% respectively. **There will be clear to partly cloudy skyfor next 5days.**

Block	Nischintakoili(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/01/2024	20/01/2024	21/01/2024	22/01/2024	23/01/2024
Rainfall(mm)	0	0	0	4	5
T-Max(°C)	26	26	26	25	26
T-Min(°C)	18	19	19	19	20
Cloud Cover(octa)	2	1	6	4	3
RH Max (%)	91	87	90	87	86
RH Min (%)	52	49	56	56	56
Wind Speed (Kmph)	7	7	7	7	9
Wind Direction (deg)	71	148	165	114	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.

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Bulletin No.-472
Date- 19/01/2024

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 0mm & district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was **26.97°C (-1.67°C from normal)** and **17.14°C (+2.19°C from normal)**, respectively. Mean relative humidity of the district was around 73-81%.

Forecasted period: Today(8.30IST) to 24th January (8.30IST) 2024

Weather advisory:: *Very light rainfall is forecasted for Monday and Tuesday and dry weather is forecasted for today to Sunday in the block.* The day temperature will be 26°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-91% and 48-57% 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	19/01/2024	20/01/2024	21/01/2024	22/01/2024	23/01/2024
Rainfall(mm)	0	0	0	4	5
T-Max(°C)	26	26	26	26	26
T-Min(°C)	18	19	19	19	19
Cloud Cover(octa)	2	2	6	5	3
RH Max (%)	91	88	91	87	87
RH Min (%)	52	48	57	56	56
Wind Speed (Kmph)	7	7	7	7	9
Wind Direction (deg)	71	148	165	114	122

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.

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Bulletin No.-472

Date- 19/01/2024

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 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **26.97°C (-1.67°C from normal)** and **17.14°C (+2.19°C from normal)**, respectively. Mean relative humidity of the district was around 73-81%.

Forecasted period: Today(8.30IST) to 24th January (8.30IST)2024

Weather advisory: Very light rainfall is forecasted for Monday and Tuesday and dry weather is forecasted for today to Sunday in the block. The day temperature will be 27°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-85% and 54-60% 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	19/01/2024	20/01/2024	21/01/2024	22/01/2024	23/01/2024
Rainfall(mm)	0	0	0	2	3
T-Max(°C)	27	27	27	27	27
T-Min(°C)	20	22	22	22	22
Cloud Cover(octa)	1	0	5	3	4
RH Max (%)	85	79	80	82	77
RH Min (%)	60	54	59	58	59
Wind Speed (Kmph)	11	10	9	9	11
Wind Direction (deg)	45	148	148	113	122

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/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.

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Bulletin No.-472
Date- 19/01/2024

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 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **26.97°C (-1.67°C from normal)** and **17.14°C (+2.19°C from normal)**, respectively. Mean relative humidity of the district was around 73-81%.

Forecasted period: Today(8.30IST) to 24th January (8.30IST)2024

Weather advisory: *Very light rainfall is forecasted for Monday and Tuesday and dry weather is forecasted for today to Sunday in the block.* The day temperature will be 25-27°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 94-96% and 44-57% 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	19/01/2024	20/01/2024	21/01/2024	22/01/2024	23/01/2024
Rainfall(mm)	0	0	0	2	3
T-Max(°C)	26	27	25	26	26
T-Min(°C)	18	18	18	18	19
Cloud Cover(octa)	3	2	5	5	3
RH Max (%)	95	96	96	94	96
RH Min (%)	47	44	57	49	48
Wind Speed (Kmph)	8	9	8	9	11
Wind Direction (deg)	116	156	146	122	148

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.

• **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)



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



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


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

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

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

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

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

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