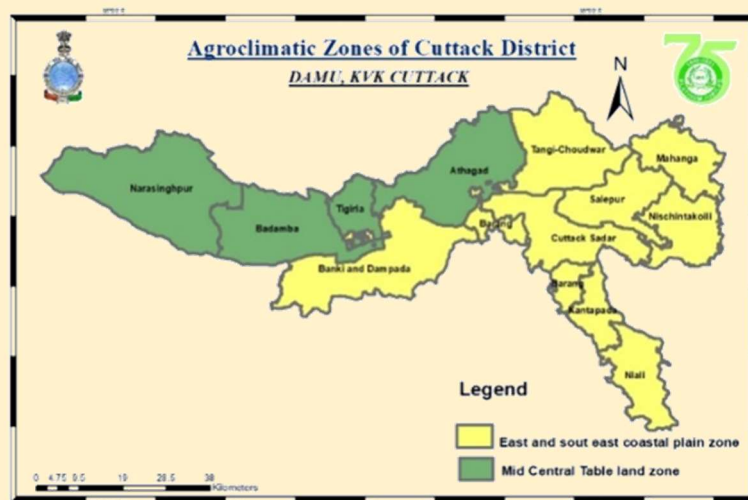




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Tuesday, 16th January, 2024
(For the period 16th to 20th 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
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Bulletin No.-471
Date- 16/01/2024

STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p style="text-align: center;">Standardised Precipitation Index for the period 28th September to 25th October 2023</p>	<p style="text-align: center;">NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 52 (24.12.2023 to 31.12.2023) over Agricultural region</p> <p style="text-align: center;">Odisha</p> <p style="text-align: center;">Agriculture vigour is good at isolated places of the state.</p>
<p>As per SPI value (cumulative 4weeks -28 September to 25 October2023), Mildly drycondition was there in Cuttack district.</p>	<p>According to NDVI map (24.12.2023 to 31.12.2023) the agriculture vigor wasverylight (<0.3 NDVI value)over many places of most of blocksof Cuttack district which indicates harvested/fallow area over the region and light (0.3-0.4 NDVI Value)value which indicates near to harvest/Seedling stage of crops/Vegetables.</p>

LEGEND (Medium range block level rainfall forecast)		
	No Rainfall	00 mm
	Very light rainfall	01-05 mm
	Light rainfall	06-10 mm
	Light to moderate rainfall	11-30 mm
	Moderate to heavy rainfall	31-65 mm
	Heavy to very heavy rainfall	66-115 mm
	Extremely heavy rainfall	>116 mm

LEGEND (Past week temperature)		
Color code	Temperature	Departure
	Below Normal	< 2°C from normal
	Normal	-2°C to +2°C from normal
	Above Normal	>2°C from normal

DrRanjan Kumar Mohanta
(Nodal officer)



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Debasish Jena
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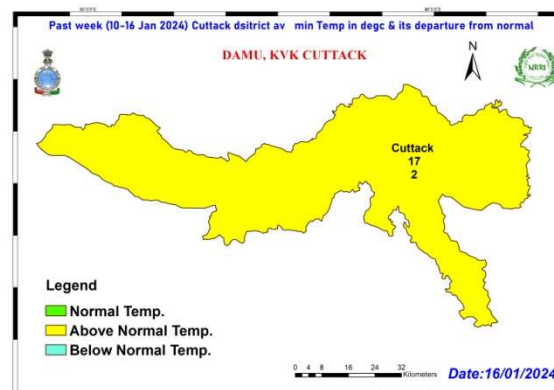
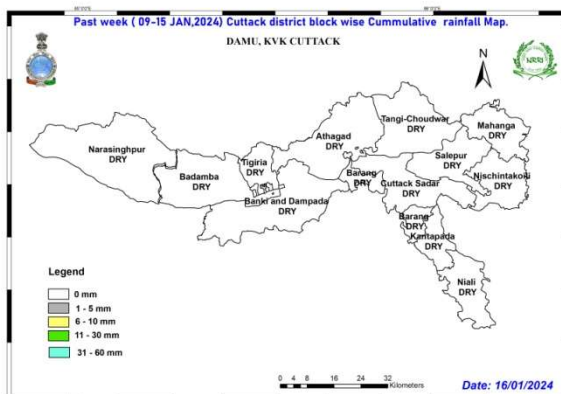
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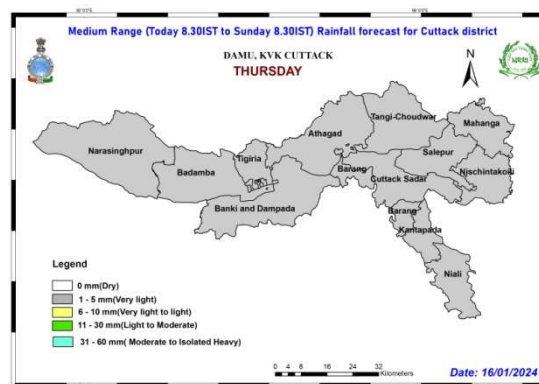
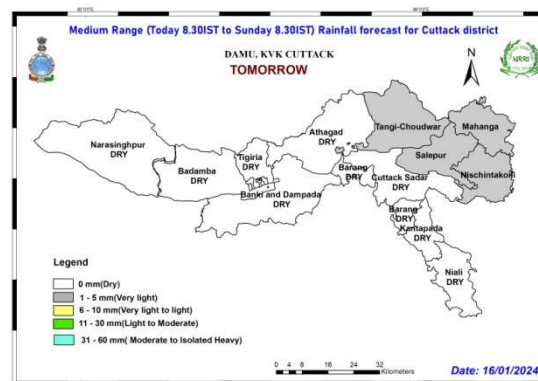
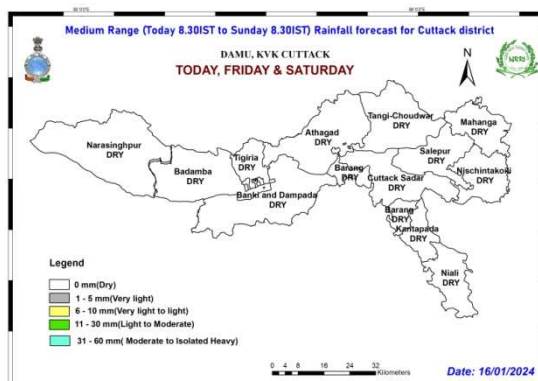
Bulletin No.-471

Date- 16/01/2024

Past week (09-15 Jan, 2024) cumulative rainfall (mm) and (10-16 Jan, 2024) average weekly minimum temperature and its departure from normal for Cuttack district



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



DrRanjan Kumar Mohanta
(Nodal officer)



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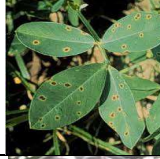

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Bulletin No.-471

Date- 16/01/2024

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

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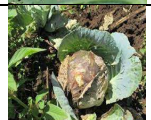
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				Chilli mites/ downward curling of leaf
				Chili Aphid
5	Tomato	Vegetative		White fly
6	Onion	Seedling to vegetative		Botrytis leaf blight
7	Potato	Sprouting/Vegetative stage		Leaf Blight
8	Cole crops (Cauliflower and cabbage)	Vegetative to fruiting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

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Bulletin No.-471
Date- 16/01/2024

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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 **27°C (-1.5°C from normal)** and **16.7°C (+1.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-80%.

Forecasted period: Today(8.30IST) to 21st January (8.30IST) 2024

Weather advisory: *Very light rainfall is forecasted on Thursday and dry weather is forecasted for other 4 days in the block.* The day temperature will be **26-28°C** and night temperature will be **18-19°C** for upcoming 5 days. Maximum and minimum relative humidity will be 90-96% and 33-50% 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	16/01/2024	17/01/2024	18/01/2024	19/01/2024	20/01/2024
Rainfall (mm)	0	0	4	0	0
T-Max (°C)	27	26	28	27	26
T-Min (°C)	19	19	19	19	18
Cloud Cover (octa)	1	2	4	2	3
RH Max (%)	96	96	91	90	92
RH Min (%)	33	50	44	33	44
Wind Speed (kmph)	7	13	10	7	9
Wind Direction (deg)	113	167	205	117	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 up to Friday.

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.-471
Date- 16/01/2024

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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 **27°C (-1.5°C from normal)** and **16.7°C (+1.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-80%.

Forecasted period: Today(8.30IST) to 21st January (8.30IST)2024

Weather advisory: *Very light rainfall is forecasted on Thursday and dry weather is forecasted for other 4 days in the block.* The day temperature will be **26-28°C** and night temperature will be **17-18°C** for upcoming 5 days. Maximum and minimum relative humidity will be 90-97% and 30-51% 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	16/01/2024	17/01/2024	18/01/2024	19/01/2024	20/01/2024
Rainfall(mm)	0	0	3	0	0
T-Max(°C)	26	26	28	28	26
T-Min(°C)	18	17	18	18	17
Cloud Cover(octa)	2	2	4	3	3
RH Max (%)	96	97	90	90	94
RH Min (%)	37	51	45	30	45
Wind Speed (Kmph)	7	12	8	6	8
Wind Direction (deg)	135	198	199	117	167

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 up to Friday.

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.-471
Date- 16/01/2024

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 **27°C (-1.5°C from normal)** and **16.7°C (+1.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-80%.

Forecasted period: Today(8.30IST) to 21st January (8.30IST)2024

Weather advisory: *Very light rainfall is forecasted on Thursday and dry weather is forecasted for other 4 days in the block.* The day temperature will be **26-28°C** and night temperature will be **18-19°C** for upcoming 5 days. Maximum and minimum relative humidity will be 90-96% and 33-52% 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	16/01/2024	17/01/2024	18/01/2024	19/01/2024	20/01/2024
Rainfall(mm)	0	0	3	0	0
T-Max(°C)	27	26	28	27	26
T-Min(°C)	18	18	19	18	18
Cloud Cover(octa)	1	2	3	3	3
RH Max (%)	96	96	90	90	92
RH Min (%)	36	52	46	33	45
Wind Speed (Kmph)	7	14	11	7	9
Wind Direction (deg)	122	198	200	117	167

Agromet Advisory

General Advisory: *As night temperature likely to fall, farmers should irrigate their field in morning and evening hour to protect their crop from cold*

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 up to Friday.

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.

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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.

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Vegetables:

Potato:

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Onion:

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• **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

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Bulletin No.-471

Date- 16/01/2024

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 **27°C (-1.5°C from normal)** and **16.7°C (+1.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-80%.

Forecasted period: Today(8.30IST) to 21st January (8.30IST)2024

Weather Advisory: *Very light rainfall is forecasted on Thursday and dry weather is forecasted for other 4 days 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 90-96% and 33-52% 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	16/01/2024	17/01/2024	18/01/2024	19/01/2024	20/01/2024
Rainfall(mm)	0	0	4	0	0
T-Max(°C)	27	25	27	27	26
T-Min(°C)	18	18	19	18	18
Cloud Cover(octa)	1	2	3	3	3
RH Max (%)	95	96	90	90	92
RH Min (%)	35	52	46	33	45
Wind Speed (Kmph)	7	14	11	7	9
Wind Direction (deg)	117	198	200	117	167

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 up to Friday.

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.-471
Date- 16/01/2024

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 **27°C (-1.5°C from normal)** and **16.7°C (+1.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-80%.

Forecasted period: Today(8.30IST) to 21st January (8.30IST)2024

Weather advisory: *Very light rainfall is forecasted on Thursday and dry weather is forecasted for other 4 days in the block.* The day temperature will be **25-27°C** and night temperature will be **19-20°C** for upcoming 5 days. Maximum and minimum relative humidity will be 88-94% and 35-52% respectively. There will be clear to partly cloudy for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	16/01/2024	17/01/2024	18/01/2024	19/01/2024	20/01/2024
Rainfall(mm)	0	0	4	0	0
T-Max(°C)	27	25	27	27	26
T-Min(°C)	19	20	20	19	19
Cloud Cover	2	2	4	2	3
RH Max (%)	94	94	90	89	88
RH Min (%)	35	52	47	37	46
Wind Speed (Kmph)	8	13	13	7	9
Wind Direction (deg)	113	180	203	75	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 polythine cover to protect it from light rain. In view of rainfall, pause sowing of mustard, chemical application and irrigation activities up to Friday.

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 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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AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR



Bulletin No.-471

Date- 16/01/2024

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 **27°C (-1.5°C from normal)** and **16.7°C (+1.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-80%.

Forecasted period: Today(8.30IST) to 21st January (8.30IST)2024

Weather advisory: *Very light rainfall is forecasted on Thursday and dry weather is forecasted for other 4 days in the block.* The day temperature will be **26-28°C** and night temperature will be **19-20°C** for upcoming 5 days. Maximum and minimum relative humidity will be 89-95% and 33-50% 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	16/01/2024	17/01/2024	18/01/2024	19/01/2024	20/01/2024
Rainfall(mm)	0	0	3	0	0
T-Max(°C)	27	26	28	27	26
T-Min(°C)	19	20	20	19	19
Cloud Cover(octa)	2	2	4	2	4
RH Max (%)	95	94	91	89	90
RH Min (%)	33	50	45	36	45
Wind Speed (Kmph)	8	13	12	7	8
Wind Direction (deg)	109	167	203	75	161

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 up to Friday.

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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AGROMET ADVISORY BULLETIN FOR KANTAPADA



Bulletin No.-471

Date- 16/01/2024

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 **27°C (-1.5°C from normal)** and **16.7°C (+1.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-80%.

Forecasted period: Today(8.30IST) to 21st January (8.30IST)2024

Weather advisory: *Very light rainfall is forecasted on Thursday and dry weather is forecasted for other 4 days in the block.* The day temperature will be **26-28°C** and night temperature will be **19-21°C** for upcoming 5 days. Maximum and minimum relative humidity will be 86-91% and 40-55% respectively. **There will be clear to partly cloudy for next 5 days.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	16/01/2024	17/01/2024	18/01/2024	19/01/2024	20/01/2024
Rainfall(mm)	0	0	4	0	0
T-Max(°C)	27	26	27	28	27
T-Min(°C)	20	21	20	19	19
Cloud Cover(octa)	2	3	4	2	4
RH Max (%)	91	90	87	89	86
RH Min (%)	40	55	50	40	46
Wind Speed (Kmph)	8	13	13	7	9
Wind Direction (deg)	124	193	205	71	169

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 up to Friday.

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.-471

Date- 16/01/2024

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 **27°C (-1.5°C from normal)** and **16.7°C (+1.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-80%.

Forecasted period: Today(8.30IST) to 21st January (8.30IST)2024

Weatheradvisory:: *Very light rainfall is forecasted on Tomorrow and Thursday and dry weather is forecasted for other 3 days in the block.* The day temperature will be and it will be **25-28°C** and night temperature will be **18-20°C** for upcoming 5 days. Maximum and minimum relative humidity will 87-93% and 40-55% 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	16/01/2024	17/01/2024	18/01/2024	19/01/2024	20/01/2024
Rainfall(mm)	0	2	5	0	0
T-Max(°C)	27	25	28	27	27
T-Min(°C)	19	20	20	19	18
Cloud Cover(octal)	2	4	5	2	4
RH Max (%)	93	92	89	87	88
RH Min (%)	40	55	49	40	44
Wind Speed (Kmph)	9	12	13	7	8
Wind Direction (deg)	81	193	205	60	169

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 up to Friday.

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
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Bulletin No.-471

Date- 16/01/2024

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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 **27°C (-1.5°C from normal)** and **16.7°C (+1.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-80%.

Forecasted period: Today(8.30IST) to 21st January (8.30IST)2024

Weatheradvisory: *Very light rainfall is forecasted on Thursday and dry weather is forecasted for other 4 days in the block.* The day temperature will be **26-29°C** and night temperature will be **16-17°C** for upcoming 5 days. Maximum and minimum relative humidity will be 89-97% and 27-47% 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	16/01/2024	17/01/2024	18/01/2024	19/01/2024	20/01/2024
Rainfall(mm)	0	0	2	0	0
T-Max(°C)	26	26	27	29	26
T-Min(°C)	16	16	16	17	16
Cloud Cover(octa)	3	2	4	3	3
RH Max (%)	97	97	89	90	96
RH Min (%)	43	47	44	27	42
Wind Speed (Kmph)	6	9	5	5	7
Wind Direction (deg)	135	193	243	135	167

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 up to Friday.

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 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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Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



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Bulletin No.-471
Date- 16/01/2024

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 mmrainfall during the last week. The mean daily maximum and minimum temperature was **27°C (-1.5°C from normal)** and **16.7°C (+1.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-80%.

Forecasted period: Today(8.30IST) to 21st January (8.30IST)2024

Weather advisory: *Very light rainfall is forecasted on Thursday and dry weather is forecasted for other 4 days in the block.* The day temperature will be **26-28°C** and night temperature will be **19-21°C** for upcoming 5 days. Maximum and *minimum* relative humidity will be 83-89% and 43-56% 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	16/01/2024	17/01/2024	18/01/2024	19/01/2024	20/01/2024
Rainfall(mm)	0	0	4	0	0
T-Max(°C)	27	26	27	28	27
T-Min(°C)	20	21	21	19	19
Cloud Cover(octa)	2	3	4	2	3
RH Max (%)	88	85	86	89	83
RH Min (%)	45	56	52	43	46
Wind Speed(Kmph)	9	14	14	6	9
Wind Direction(deg)	152	198	207	72	169

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 up to Friday.

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 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.-471
Date- 16/01/2024

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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 **27°C (-1.5°Cfrom normal)** and **16.7°C (+1.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-80%.

Forecasted period: Today(8.30IST) to 21stJanuary (8.30IST)2024

Weatheradvisory: Very light rainfall is forecasted on Tomorrow and Thursday and dry weather is forecasted for other 3 days in the block. The day temperature will be **25-28°C** and night temperature will be**18-20°C**for upcoming 5 days. Maximum and minimum relative humidity will be**87-93%** and **40-55%** respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Nischintakoili(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	16/01/2024	17/01/2024	18/01/2024	19/01/2024	20/01/2024
Rainfall(mm)	0	2	5	0	0
T-Max(°C)	27	25	28	27	27
T-Min(°C)	19	20	20	19	18
Cloud Cover(octa)	1	4	5	2	4
RH Max (%)	93	91	88	87	87
RH Min (%)	40	55	48	40	45
Wind Speed (Kmph)	8	13	13	7	8
Wind Direction (deg)	101	193	203	60	169

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 up to Friday.

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.-471
Date- 16/01/2024

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 mmrainfall during the last week. The mean daily maximum and minimum temperature was **27°C (-1.5°C from normal)** and **16.7°C (+1.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-80%.

Forecasted period: Today(8.30IST) to 21st January (8.30IST)2024

Weather advisory:: *Very light rainfall is forecasted on Tomorrow and Thursday and dry weather is forecasted for other 3 days in the block.* The day temperature will be **25-28°C** and night temperature will be **18-20°C** for upcoming 5 days. Maximum and minimum relative humidity will be 87-93% and 39-55% 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	16/01/2024	17/01/2024	18/01/2024	19/01/2024	20/01/2024
Rainfall(mm)	0	1	4	0	0
T-Max(°C)	27	25	28	27	26
T-Min(°C)	19	20	20	19	18
Cloud Cover(octa)	2	4	5	2	4
RH Max (%)	93	92	89	87	88
RH Min (%)	39	55	48	40	45
Wind Speed (Kmph)	8	13	13	7	8
Wind Direction (deg)	81	180	203	70	169

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 up to Friday.

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.

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Bulletin No.-471

Date- 16/01/2024

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 **27°C (-1.5°C from normal)** and **16.7°C (+1.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-80%.

Forecasted period: Today(8.30IST) to 21st January (8.30IST)2024

Weather advisory: Very light rainfall is forecasted on Tomorrow and Thursday and dry weather is forecasted for other 3 days in the block. The day temperature will be 27-29°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-85% and 51-59% 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	16/01/2024	17/01/2024	18/01/2024	19/01/2024	20/01/2024
Rainfall(mm)	0	2	5	0	0
T-Max(°C)	27	27	28	29	28
T-Min(°C)	22	23	23	22	22
Cloud Cover(octa)	2	3	4	2	3
RH Max (%)	81	81	84	85	81
RH Min (%)	57	59	58	51	53
Wind Speed (Kmph)	11	16	15	8	10
Wind Direction (deg)	144	180	207	169	189

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 up to Friday.

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)



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



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Bulletin No.-471
Date- 16/01/2024

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 **27°C (-1.5°C from normal)** and **16.7°C (+1.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-80%.

Forecasted period: Today(8.30IST) to 21st January (8.30IST)2024

Weather advisory: *Very light rainfall is forecasted on Thursday and dry weather is forecasted for other 4 days in the block.* The day temperature will be **26-28°C** and night temperature will be **18-19°C** for upcoming 5 days. Maximum and minimum relative humidity will be 90-97% and 32-51% 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	16/01/2024	17/01/2024	18/01/2024	19/01/2024	20/01/2024
Rainfall(mm)	0	0	4	0	0
T-Max(°C)	27	26	28	27	26
T-Min(°C)	18	18	19	19	18
Cloud Cover(octa)	2	2	4	3	4
RH Max (%)	97	97	90	90	93
RH Min (%)	35	51	45	32	46
Wind Speed (Kmph)	7	13	8	7	9
Wind Direction (deg)	114	167	203	117	159

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 up to Friday.

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:

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- 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.

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 Date- 16/01/2024

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