

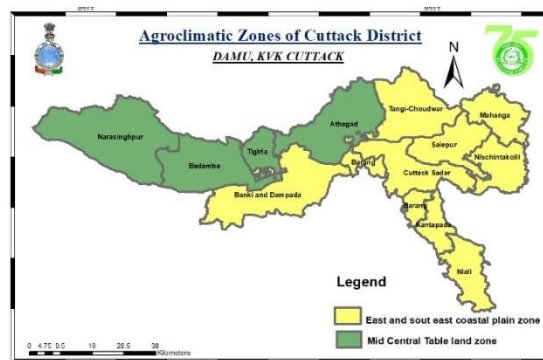


**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
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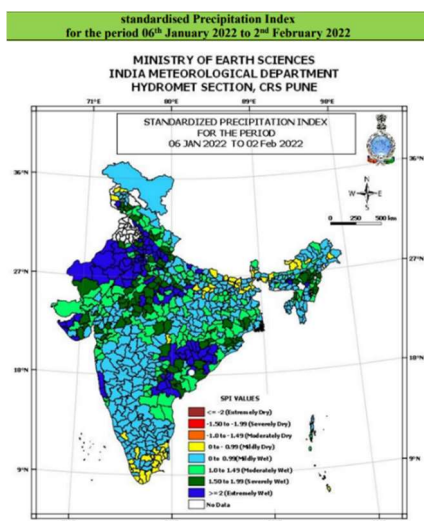


**Bulletin No.-268**  
**Date- 04/02/2022**

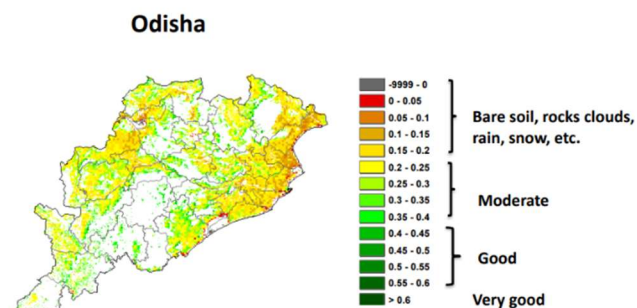
## AGROCLIMATIC ZONES OF CUTTACK DISTRICT:



## STANDARD PRECIPITATION INDEX AND NDVI MAP



**NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 04**  
**(22.01.2022 to 28.01.2022) over Agricultural region**



Agriculture vigour is moderate over the state.

**As per SPI value (cumulative 4weeks -06 January 2022 – 02 February), Severely wet condition was there in Cuttack district.**

**According to NDVI map (22.01.2022 to 28.01.2022) the agriculture vigor was light over most eastern blocks and light to moderate over some western blocks of Cuttack district.**

### **LEGEND (Medium range block level rainfall forecast)**

	No Rainfall	00 mm
	Very light rainfall	01-05 mm
	Light rainfall	06-10 mm
	Light to moderate rainfall	11-30 mm
	Moderate to heavy rainfall	31-65 mm
	Heavy to very heavy rainfall	66-115 mm
	Extremely heavy rainfall	>116 mm

**Dr Sujata Sethy**  
 (Nodal officer)



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**Debasish Jena**  
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**Bulletin No.-268**  
**Date- 04/02/2022**

Met Sub division	Extended range outlook for subsequent 1 week (6 <sup>th</sup> to 12 <sup>th</sup> days) (09 – 15 February 2022)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	-90.66	Below Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	-0.39	Normal
	Minimum temperature	-2.84	Below Normal

**General Agromet Advisory--:** As There will be below normal rainfall and minimum temperature is forecasted in subsequent week so farmers are advise to complete their Rabi sowing activity in upcoming 4days as soon as possible and should make necessary arrangement of irrigation in the subsequent week.

Dr Sujata Sethy  
 (Nodal officer)



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Bulletin No.-268

Date- 04/02/2022

**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
				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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				<b>Chilli mites/ downward curling of leaf</b>
				<b>Chili Aphid</b>
5	<b>Tomato</b>	<b>Flowering to fruting</b>		<b>White fly</b>
				<b>Wilt</b>
6	<b>Onion</b>	<b>Seedling to vegetative</b>		<b>Botrytis leaf blight</b>
				<b>Thrips</b>
7	<b>Potato</b>	<b>Sprouting/Vegetative stage</b>		<b>Leaf Blight</b>
				<b>Potato tuber moth</b>
8	<b>Cole crops ( Cauliflower and cabbage)</b>	<b>Vegetative to fruiting</b>		<b>Diamond back moth</b>
				<b>Black rot</b>
9	<b>Cucurbits</b>			<b>Epilachna Beetle</b>

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-268**  
**Date- 04/02/2022**

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**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

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

The block received average 0 mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.83°C (-1.27°C from normal) and **14.71°C (-1.34°C from normal)**, respectively. Mean relative humidity of the district was around 53-84%.

**Forecasted period: Today(8.30IST) to 09<sup>th</sup>February (8.30IST)2022**

**Weather advisory: Moderate rainfall / thundershower is forecasted for today and dry weather is forecasted for next 4days in the block.** The day temperature will be 26-30°C and night temperature will be 15-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 60-90% and 18-54% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Athagad(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/02/2022	05/02/2022	06/02/2022	07/02/2022	08/02/2022
Rainfall (mm)	20	0	0	0	0
T-Max (°C)	27	26	27	28	30
T-Min (°C)	16	15	16	16	17
Cloud Cover (octa)	5	3	1	0	2
RH Max (%)	81	60	76	88	90
RH Min (%)	54	21	25	27	18
Wind Speed (kmph)	17	7	6	5	8
Wind Direction (deg)	203	23	75	162	154

**Agromet Advisory**

**General Advisory:** Farmers are advised to shift harvested Arhar, Cauliflower, Cabbage and other vegetables from main field and make their safe storage. They should stop sowing of green gram, black gram, sesame other rabi crops and transplanting of tomato, chilly, onion as there will be rainfall is forecasted for today. Farmers are advised to stop their intercultural activities, fertilizer and pesticides applications as well as irrigation activities on today and may resume after tomorrow.

**Pulses:**

If pulse sowing activity is not completed then stop it for at least 2-3 days due to forecast of rainfall. Forecasted humid weather may aggravate the infestation of aphid in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride @ 0.2gm/ltr.

**Rabi-Groundnut:**

Due to forecasted 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 humid 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 forecasted humid 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. Past and 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. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. Due to forecasted humid 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. To prevent thrips infestation in onion crop, install blue sticky trap or spray Neem Seed Kernel extract @ 2ml/litre of water

**Cauliflower/Cabbage:**

Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l. Forecasted 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 .

**Tomato:**

The transplanted tomato is at flowering to fruiting stage (7-10week) stage. White fly may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.

**Cucurbits**-If the crops are affected by Epilachna Beetle spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3-ml/litre of water at early stage of infestation. To manage Epilachna Beetle chemically spray Chlorpyrifos 20 % EC @ 2-ml/litre of water or Profenophos 50 % EC @ 2-ml/litre of water

**Animal husbandry:**

Don't allow animals to graze outside during rainfall.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-268**  
**Date- 04/02/2022**

**AGROMET ADVISORY BULLETIN FOR BADAMBA**

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

The block received average 0 mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.83°C (-1.27°C from normal) and 14.71°C (-1.34°C from normal), respectively. Mean relative humidity of the district was around 53-84%.

**Forecasted period: Today(8.30IST) to 09<sup>th</sup> February (8.30IST)2022**

**Weather advisory:** *Moderate rainfall / thundershower is forecasted for today and dry weather is forecasted for next 4 days in the block.* The day temperature will be 26-30°C and night temperature will be 14-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 52-92% and 16-50% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/02/2022	05/02/2022	06/02/2022	07/02/2022	08/02/2022
Rainfall(mm)	15	0	0	0	0
T-Max(°C)	27	26	27	29	30
T-Min(°C)	14	14	15	15	16
Cloud Cover(octa)	5	3	1	0	2
RH Max (%)	83	52	81	87	92
RH Min (%)	50	19	26	25	16
Wind Speed (Kmph)	15	6	5	5	7
Wind Direction (deg)	203	15	113	180	158

**Agromet Advisory**

**General Advisory:** Farmers are advised to shift harvested Arhar, Cauliflower, Cabbage and other vegetables from main field and make their safe storage. They should stop sowing of green gram, black gram, sesame other rabi crops and transplanting of tomato, chilly, onion as there will be rainfall is forecasted for today. Farmers are advised to stop their intercultural activities, fertilizer and pesticides applications as well as irrigation activities on today and may resume after tomorrow.

**Pulses:**

If pulse sowing activity is not completed then stop it for at least 2-3 days due to forecast of rainfall. Forecasted humid weather may aggravate the infestation of aphid in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride @ 0.2gm/ltr.

**Rabi-Groundnut:**

Due to forecasted 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 humid 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 forecasted humid 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. Past and 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. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. Due to forecasted humid 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. To prevent thrips infestation in onion crop, install blue sticky trap or spray Neem Seed Kernel extract @ 2ml/litre of water

**Cauliflower/Cabbage:**

Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l. Forecasted 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 .

**Tomato:**

The transplanted tomato is at flowering to fruiting stage (7-10week) stage. White fly may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.

**Cucurbits**-If the crops are affected by Epilachna Beetle spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3-ml/litre of water at early stage of infestation. To manage Epilachna Beetle chemically spray Chlorpyrifos 20 % EC @ 2-ml/litre of water or Profenophos 50 % EC @ 2-ml/litre of water

**Animal husbandry:**

Don't allow animals to graze outside during rainfall.

**Dr Sujata Sethy**  
(Nodal officer)



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**Bulletin No.-268**  
**Date- 04/02/2022**

**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week average weather condition**

The district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.83°C (-1.27°C from normal) and 14.71°C (-1.34°C from normal), respectively. Mean relative humidity of the district was around 53-84%.

**Forecasted period: Today(8.30IST) to 09<sup>th</sup> February (8.30IST)2022**

**Weather advisory:** *Very light rainfall is forecasted for today and dry weather is forecasted for next 4 days in the block.* The day temperature will be 27-30°C and night temperature will be 15-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-90% and 17-51% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/02/2022	05/02/2022	06/02/2022	07/02/2022	08/02/2022
Rainfall(mm)	04	0	0	0	0
T-Max(°C)	27	27	27	29	30
T-Min(°C)	15	15	15	16	17
Cloud Cover(octa)	5	3	1	0	2
RH Max (%)	81	61	77	89	90
RH Min (%)	51	20	25	27	17
Wind Speed (Kmph)	18	7	5	5	8
Wind Direction (deg)	199	23	108	180	158

**Agromet Advisory**

**General Advisory:** Farmers are advised to shift harvested Arhar, Cauliflower, Cabbage and other vegetables from main field and make their safe storage. They should stop sowing of green gram, black gram, sesame other rabi crops and transplanting of tomato, chilly, onion as there will be rainfall is forecasted for today. Farmers are advised to stop their intercultural activities, fertilizer and pesticides applications as well as irrigation activities on today and may resume after tomorrow.

**Pulses:**

If pulse sowing activity is not completed then stop it for at least 2-3 days due to forecast of rainfall. Forecasted humid weather may aggravate the infestation of aphid in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride @ 0.2gm/ltr.

**Rabi-Groundnut:**

Due to forecasted 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 humid 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 forecasted humid 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. Past and 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. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. Due to forecasted humid 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. To prevent thrips infestation in onion crop, install blue sticky trap or spray Neem Seed Kernel extract @ 2ml/litre of water

**Cauliflower/Cabbage:**

Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l. Forecasted 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 .

**Tomato:**

The transplanted tomato is at flowering to fruiting stage (7-10week) stage. White fly may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.

**Cucurbits-** If the crops are affected by Epilachna Beetle spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3-ml/litre of water at early stage of infestation. To manage Epilachna Beetle chemically spray Chlorpyrifos 20 % EC @ 2-ml/litre of water or Profenophos 50 % EC @ 2-ml/litre of water

**Animal husbandry:**

Don't allow animals to graze outside during rainfall.

**Dr Sujata Sethy**  
(Nodal officer)



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Bulletin No.-268

Date- 04/02/2022

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

The block received average 0 mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.83°C (-1.27°C from normal) and 14.71°C (-1.34°C from normal), respectively. Mean relative humidity of the district was around 53-84%.

**Forecasted period: Today(8.30IST) to 09<sup>th</sup> February (8.30IST)2022**

**Weather Advisory:** Light rainfall is forecasted for today and dry weather is forecasted for next 4 days in the block. The day temperature will be 27-30°C and night temperature will be 15-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-90% and 17-52% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/02/2022	05/02/2022	06/02/2022	07/02/2022	08/02/2022
Rainfall(mm)	06	0	0	0	0
T-Max(°C)	27	27	27	29	30
T-Min(°C)	15	15	15	16	17
Cloud Cover(octa)	5	3	1	0	2
RH Max (%)	81	62	77	88	90
RH Min (%)	52	20	25	27	17
Wind Speed (Kmph)	18	7	5	5	8
Wind Direction (deg)	199	56	108	180	158

**Agromet Advisory**

**General Advisory:** Farmers are advised to shift harvested Arhar, Cauliflower, Cabbage and other vegetables from main field and make their safe storage. They should stop sowing of green gram, black gram, sesame other rabi crops and transplanting of tomato, chilly, onion as there will be rainfall is forecasted for today. Farmers are advised to stop their intercultural activities, fertilizer and pesticides applications as well as irrigation activities on today and may resume after tomorrow.

**Pulses:**

If pulse sowing activity is not completed then stop it for at least 2-3 days due to forecast of rainfall. Forecasted humid weather may aggravate the infestation of aphid in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride @ 0.2gm/ltr.

**Rabi-Groundnut:**

Due to forecasted 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 humid 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 forecasted humid 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. Past and 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. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. Due to forecasted humid 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. To prevent thrips infestation in onion crop, install blue sticky trap or spray Neem Seed Kernel extract @ 2ml/litre of water

**Cauliflower/Cabbage:**

Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l. Forecasted 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 .

**Tomato:**

The transplanted tomato is at flowering to fruiting stage (7-10week) stage. White fly may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.

**Cucurbits-** If the crops are affected by Epilachna Beetle spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3-ml/litre of water at early stage of infestation. To manage Epilachna Beetle chemically spray Chlorpyrifos 20 % EC @ 2-ml/litre of water or Profenophos 50 % EC @ 2-ml/litre of water

**Animal husbandry:**

Don't allow animals to graze outside during rainfall.

Dr Sujata Sethy  
(Nodal officer)



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**GRAMIN KRISHIMAUSAM SEWA**  
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**Bulletin No.-268**  
**Date- 04/02/2022**

**AGROMET ADVISORY BULLETIN FOR BARANGA**

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

The block received average 0 mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.83°C (-1.27°C from normal) and **14.71°C (-1.34°C from normal)**, respectively. Mean relative humidity of the district was around 53-84%.

**Forecasted period: Today(8.30IST) to 09<sup>th</sup> February (8.30IST)2022**

**Weather advisory:** *Light rainfall is forecasted for today and dry weather is forecasted for next 4 days in the block.* The day temperature will be 26-30°C and night temperature will be 15-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-88% and 19-54% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/02/2022	05/02/2022	06/02/2022	07/02/2022	08/02/2022
Rainfall(mm)	07	0	0	0	0
T-Max(°C)	26	26	28	28	30
T-Min(°C)	16	15	16	17	18
Cloud Cover	5	3	1	0	2
RH Max (%)	88	68	74	82	83
RH Min (%)	54	21	24	28	19
Wind Speed (Kmph)	19	9	7	5	8
Wind Direction (deg)	203	15	72	161	158

**Agromet Advisory**

**General Advisory:** Farmers are advised to shift harvested Arhar, Cauliflower, Cabbage and other vegetables from main field and make their safe storage. They should stop sowing of green gram, black gram, sesame other rabi crops and transplanting of tomato, chilly, onion as there will be rainfall is forecasted for today. Farmers are advised to stop their intercultural activities, fertilizer and pesticides applications as well as irrigation activities on today and may resume after tomorrow.

**Pulses:**

If pulse sowing activity is not completed then stop it for at least 2-3 days due to forecast of rainfall. Forecasted humid weather may aggravate the infestation of aphid in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride @ 0.2gm/ltr.

**Rabi-Groundnut:**

Due to forecasted 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 humid 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 forecasted humid 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. Past and 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. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. Due to forecasted humid 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. To prevent thrips infestation in onion crop, install blue sticky trap or spray Neem Seed Kernel extract @ 2ml/litre of water

**Cauliflower/Cabbage:**

Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l. Forecasted 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 .

**Tomato:**

The transplanted tomato is at flowering to fruiting stage (7-10week) stage. White fly may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.

**Cucurbits:** If the crops are affected by Epilachna Beetle spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3-ml/litre of water at early stage of infestation. To manage Epilachna Beetle chemically spray Chlorpyrifos 20 % EC @ 2-ml/litre of water or Profenophos 50 % EC @ 2-ml/litre of water

**Animal husbandry:**

Don't allow animals to graze outside during rainfall.

**Dr Sujata Sethy**  
(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)**



**Bulletin No.-268**  
**Date- 04/02/2022**

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

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

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

The block received average 0 mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.83°C (-1.27°C from normal) and **14.71°C (-1.34°C from normal)**, respectively. Mean relative humidity of the district was around 53-84%.

**Forecasted period: Today(8.30IST) to 09<sup>th</sup> February (8.30IST)2022**

**Weather advisory:** *Light rainfall is forecasted for today and dry weather is forecasted for next 4 days in the block.* The day temperature will be 26-30°C and night temperature will be 16-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-88% and 20-54% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/02/2022	05/02/2022	06/02/2022	07/02/2022	08/02/2022
Rainfall(mm)	09	0	0	0	0
T-Max(°C)	26	26	27	28	30
T-Min(°C)	16	16	16	17	18
Cloud Cover(octa)	5	3	1	0	2
RH Max (%)	88	64	74	83	85
RH Min (%)	54	22	25	28	20
Wind Speed (Kmph)	18	8	6	4	8
Wind Direction (deg)	203	23	63	162	158

**Agromet Advisory**

**General Advisory:** Farmers are advised to shift harvested Arhar, Cauliflower, Cabbage and other vegetables from main field and make their safe storage. They should stop sowing of green gram, black gram, sesame other rabi crops and transplanting of tomato, chilly, onion as there will be rainfall is forecasted for today. Farmers are advised to stop their intercultural activities, fertilizer and pesticides applications as well as irrigation activities on today and may resume after tomorrow.

**Pulses:**

If pulse sowing activity is not completed then stop it for at least 2-3 days due to forecast of rainfall. Forecasted humid weather may aggravate the infestation of aphid in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride @ 0.2gm/ltr.

**Rabi-Groundnut:**

Due to forecasted 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 humid 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 forecasted humid 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. Past and 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. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. Due to forecasted humid 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. To prevent thrips infestation in onion crop, install blue sticky trap or spray Neem Seed Kernel extract @ 2ml/litre of water

**Cauliflower/Cabbage:**

Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l. Forecasted 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 .

**Tomato:**

The transplanted tomato is at flowering to fruiting stage (7-10week) stage. White fly may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.

**Cucurbits:** If the crops are affected by Epilachna Beetle spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3-ml/litre of water at early stage of infestation. To manage Epilachna Beetle chemically spray Chlorpyrifos 20 % EC @ 2-ml/litre of water or Profenophos 50 % EC @ 2-ml/litre of water

**Animal husbandry:**

Don't allow animals to graze outside during rainfall.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-268**  
**Date- 04/02/2022**

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

The block received average 0 mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.83°C (-1.27°C from normal) and 14.71°C (-1.34°C from normal), respectively. Mean relative humidity of the district was around 53-84%.

**Forecasted period: Today(8.30IST) to 09<sup>th</sup> February (8.30IST)2022**

**Weatheradvisory:** Light rainfall is forecasted for today and dry weather is forecasted for next 4days in the block. The day temperature will be 26-30°C and night temperature will be 15-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-86% and 20-55% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/02/2022	05/02/2022	06/02/2022	07/02/2022	08/02/2022
Rainfall(mm)	07	0	0	0	0
T-Max(°C)	26	27	27	29	30
T-Min(°C)	16	15	16	17	18
Cloud Cover(octa)	5	3	1	0	2
RH Max (%)	86	72	74	79	80
RH Min (%)	55	20	27	30	21
Wind Speed (Kmph)	19	10	8	5	7
Wind Direction (deg)	205	360	27	158	155

**Agromet Advisory**

**General Advisory:** Farmers are advised to shift harvested Arhar, Cauliflower, Cabbage and other vegetables from main field and make their safe storage. They should stop sowing of green gram, black gram, sesame other rabi crops and transplanting of tomato, chilly, onion as there will be rainfall is forecasted for today. Farmers are advised to stop their intercultural activities, fertilizer and pesticides applications as well as irrigation activities on today and may resume after tomorrow.

**Pulses:**

If pulse sowing activity is not completed then stop it for at least 2-3 days due to forecast of rainfall. Forecasted humid weather may aggravate the infestation of aphid in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride @ 0.2gm/ltr.

**Rabi-Groundnut:**

Due to forecasted 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 humid 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 forecasted humid 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. Past and 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. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. Due to forecasted humid 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. To prevent thrips infestation in onion crop, install blue sticky trap or spray Neem Seed Kernel extract @ 2ml/litre of water

**Cauliflower/Cabbage:**

Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l. Forecasted 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 .

**Tomato:**

The transplanted tomato is at flowering to fruiting stage (7-10week) stage. White fly may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.

**Cucurbits-** If the crops are affected by Epilachna Beetle spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3-ml/litre of water at early stage of infestation. To manage Epilachna Beetle chemically spray Chlorpyrifos 20 % EC @ 2-ml/litre of water or Profenophos 50 % EC @ 2-ml/litre of water

**Animal husbandry:**

Don't allow animals to graze outside during rainfall.

**Dr Sujata Sethy**  
(Nodal officer)



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**AGROMET ADVISORY BULLETIN FOR MAHANGA**



**Bulletin No.-268**

**Date- 04/02/2022**

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

The block received average 0 mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.83°C (-1.27°C from normal) and **14.71°C (-1.34°C from normal)**, respectively. Mean relative humidity of the district was around 53-84%.

**Forecasted period: Today(8.30IST) to 09<sup>th</sup> February (8.30IST)2022**

**Weather advisory: Moderate rainfall / thundershower is forecasted for today and dry weather is forecasted for next 4days in the block.** The day temperature will be and it will be 26-30°C and night temperature will be 14-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-86% and 22-57% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/02/2022	05/02/2022	06/02/2022	07/02/2022	08/02/2022
Rainfall(mm)	23	0	0	0	0
T-Max(°C)	26	26	27	28	30
T-Min(°C)	16	14	15	16	17
Cloud Cover(octal)	5	3	1	0	2
RH Max (%)	86	63	73	78	80
RH Min (%)	57	22	29	31	23
Wind Speed (Kmph)	19	9	8	4	6
Wind Direction (deg)	205	11	45	158	161

**Agromet Advisory**

**General Advisory:** Farmers are advised to shift harvested Arhar, Cauliflower, Cabbage and other vegetables from main field and make their safe storage. They should stop sowing of green gram, black gram, sesame other rabi crops and transplanting of tomato, chilly, onion as there will be rainfall is forecasted for today. Farmers are advised to stop their intercultural activities, fertilizer and pesticides applications as well as irrigation activities on today and may resume after tomorrow.

**Pulses:**

If pulse sowing activity is not completed then stop it for at least 2-3 days due to forecast of rainfall. Forecasted humid weather may aggravate the infestation of aphid in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride @ 0.2gm/ltr.

**Rabi-Groundnut:**

Due to forecasted 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 humid 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 forecasted humid 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. Past and 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. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. Due to forecasted humid 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. To prevent thrips infestation in onion crop, install blue sticky trap or spray Neem Seed Kernel extract @ 2ml/litre of water

**Cauliflower/Cabbage:**

Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l. Forecasted 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 .

**Tomato:**

The transplanted tomato is at flowering to fruiting stage (7-10week) stage. White fly may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.

**Cucurbits-** If the crops are affected by Epilachna Beetle spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3-ml/litre of water at early stage of infestation. To manage Epilachna Beetle chemically spray Chlorpyrifos 20 % EC @ 2-ml/litre of water or Profenophos 50 % EC @ 2-ml/litre of water

**Animal husbandry:**

Don't allow animals to graze outside during rainfall.

**Dr Sujata Sethy**  
(Nodal officer)



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**Bulletin No.-268**  
**Date- 04/02/2022**

**AGROMET ADVISORY BULLETIN FOR NARASINGHPUR**

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

The block received average 0 mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.83°C (-1.27°C from normal) and 14.71°C (-1.34°C from normal), respectively. Mean relative humidity of the district was around 53-84%.

**Forecasted period: Today(8.30IST) to 09<sup>th</sup> February (8.30IST)2022**

**Weather advisory:** *Moderate rainfall / thundershower is forecasted for today and dry weather is forecasted for next 4 days in the block.* The day temperature will be 26-29°C and night temperature will be 12-14°C for upcoming 5 days. Maximum and minimum relative humidity will be 40-92% and 13-44% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/02/2022	05/02/2022	06/02/2022	07/02/2022	08/02/2022
Rainfall(mm)	16	0	0	0	0
T-Max(°C)	27	26	27	29	29
T-Min(°C)	13	12	13	13	14
Cloud Cover(octa)	5	3	1	0	2
RH Max (%)	80	40	87	78	92
RH Min (%)	44	16	23	21	13
Wind Speed (Kmph)	10	5	4	4	5
Wind Direction (deg)	180	341	150	203	158

**Agromet Advisory**

**General Advisory:** Farmers are advised to shift harvested Arhar, Cauliflower, Cabbage and other vegetables from main field and make their safe storage. They should stop sowing of green gram, black gram, sesame other rabi crops and transplanting of tomato, chilly, onion as there will be rainfall is forecasted for today. Farmers are advised to stop their intercultural activities, fertilizer and pesticides applications as well as irrigation activities on today and may resume after tomorrow.

**Pulses:**

If pulse sowing activity is not completed then stop it for at least 2-3 days due to forecast of rainfall. Forecasted humid weather may aggravate the infestation of aphid in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride @ 0.2gm/ltr.

**Rabi-Groundnut:**

Due to forecasted 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 humid 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 forecasted humid 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. Past and 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. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. Due to forecasted humid 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. To prevent thrips infestation in onion crop, install blue sticky trap or spray Neem Seed Kernel extract @ 2ml/litre of water

**Cauliflower/Cabbage:**

Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l. Forecasted 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 .

**Tomato:**

The transplanted tomato is at flowering to fruiting stage (7-10week) stage. White fly may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.

**Cucurbits**-If the crops are affected by Epilachna Beetle spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3-ml/litre of water at early stage of infestation. To manage Epilachna Beetle chemically spray Chlorpyrifos 20 % EC @ 2-ml/litre of water or Profenophos 50 % EC @ 2-ml/litre of water

**Animal husbandry:**

Don't allow animals to graze outside during rainfall.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-268**  
**Date- 04/02/2022**

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

The block received average 0 mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.83°C (-1.27°C from normal) and 14.71°C (-1.34°C from normal), respectively. Mean relative humidity of the district was around 53-84%.

**Forecasted period: Today(8.30IST) to 09<sup>th</sup> February (8.30IST)2022**

**Weather advisory:** Very light rainfall is forecasted for today and dry weather is forecasted for next 4 days in the block. The day temperature will be 27-30°C and night temperature will be 15-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-82% and 19-56% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/02/2022	05/02/2022	06/02/2022	07/02/2022	08/02/2022
Rainfall(mm)	03	0	0	0	0
T-Max(°C)	27	28	27	29	30
T-Min(°C)	16	15	16	17	18
Cloud Cover(octa)	5	3	1	0	2
RH Max (%)	82	73	73	78	77
RH Min (%)	56	19	30	33	25
Wind Speed(Kmph)	20	10	9	6	7
Wind Direction(deg)	205	15	105	165	158

**Agromet Advisory**

**General Advisory:** Farmers are advised to shift harvested Arhar, Cauliflower, Cabbage and other vegetables from main field and make their safe storage. They should stop sowing of green gram, black gram, sesame other rabi crops and transplanting of tomato, chilly, onion as there will be rainfall is forecasted for today. Farmers are advised to stop their intercultural activities, fertilizer and pesticides applications as well as irrigation activities on today and may resume after tomorrow.

**Pulses:**

If pulse sowing activity is not completed then stop it for at least 2-3 days due to forecast of rainfall. Forecasted humid weather may aggravate the infestation of aphid in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride @ 0.2gm/ltr.

**Rabi-Groundnut:**

Due to forecasted 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 humid 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 forecasted humid 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. Past and 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. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. Due to forecasted humid 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. To prevent thrips infestation in onion crop, install blue sticky trap or spray Neem Seed Kernel extract @ 2ml/litre of water

**Cauliflower/Cabbage:**

Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l. Forecasted 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 .

**Tomato:**

The transplanted tomato is at flowering to fruiting stage (7-10 week) stage. White fly may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.

**Cucurbits:** If the crops are affected by Epilachna Beetle spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3-ml/litre of water at early stage of infestation. To manage Epilachna Beetle chemically spray Chlorpyrifos 20 % EC @ 2-ml/litre of water or Profenophos 50 % EC @ 2-ml/litre of water

**Animal husbandry:** Don't allow animals to graze outside during rainfall.

**Dr Sujata Sethy**  
(Nodal officer)



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**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**



**Bulletin No.-268**  
**Date- 04/02/2022**

**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 0 mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.83°C (-1.27°C from normal) and 14.71°C (-1.34°C from normal), respectively. Mean relative humidity of the district was around 53-84%.

**Forecasted period: Today(8.30IST) to 09<sup>th</sup> February (8.30IST)2022**

**Weatheradvisory:** *Light rainfall is forecasted for today and dry weather is forecasted for next 4days in the block.* The day temperature will be 26-30°C and night temperature will be 15-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-84% and 21-56% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/02/2022	05/02/2022	06/02/2022	07/02/2022	08/02/2022
Rainfall(mm)	09	0	0	0	0
T-Max(°C)	26	27	27	28	30
T-Min(°C)	17	15	15	17	18
Cloud Cover(octa)	5	3	1	0	2
RH Max (%)	84	65	73	77	79
RH Min (%)	56	21	29	30	22
Wind Speed (Kmph)	19	10	8	5	7
Wind Direction (deg)	205	360	45	162	161

**Agromet Advisory**

**General Advisory:** Farmers are advised to shift harvested Arhar, Cauliflower, Cabbage and other vegetables from main field and make their safe storage. They should stop sowing of green gram, black gram, sesame other rabi crops and transplanting of tomato, chilly, onion as there will be rainfall is forecasted for today. Farmers are advised to stop their intercultural activities, fertilizer and pesticides applications as well as irrigation activities on today and may resume after tomorrow.

**Pulses:**

If pulse sowing activity is not completed then stop it for at least 2-3 days due to forecast of rainfall. Forecasted humid weather may aggravate the infestation of aphid in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride @ 0.2gm/ltr.

**Rabi-Groundnut:**

Due to forecasted 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 humid 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 forecasted humid 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. Past and 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. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. Due to forecasted humid 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. To prevent thrips infestation in onion crop, install blue sticky trap or spray Neem Seed Kernel extract @ 2ml/litre of water

**Cauliflower/Cabbage:**

Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l. Forecasted 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 .

**Tomato:**

The transplanted tomato is at flowering to fruiting stage (7-10week) stage. White fly may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.

**Cucurbits-** If the crops are affected by Epilachna Beetle spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3-ml/litre of water at early stage of infestation. To manage Epilachna Beetle chemically spray Chlorpyrifos 20 % EC @ 2-ml/litre of water or Profenophos 50 % EC @ 2-ml/litre of water

**Animal husbandry:**

Don't allow animals to graze outside during rainfall.

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-268**  
**Date- 04/02/2022**

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

The block received average 0 mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.83°C (-1.27°C from normal) and 14.71°C (-1.34°C from normal), respectively. Mean relative humidity of the district was around 53-84%.

**Forecasted period: Today(8.30IST) to 09<sup>th</sup> February (8.30IST)2022**

**Weather advisory:** *Moderate rainfall / thundershower is forecasted for today and dry weather is forecasted for next 4days in the block.* The day temperature will be 26-30°C and night temperature will be 15-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-86% and 21-56% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Salepur(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/02/2022	05/02/2022	06/02/2022	07/02/2022	08/02/2022
Rainfall(mm)	14	0	0	0	0
T-Max(°C)	26	27	27	28	30
T-Min(°C)	17	15	15	17	18
Cloud Cover(octa)	5	3	1	0	2
RH Max (%)	86	65	73	78	80
RH Min (%)	56	22	28	30	21
Wind Speed (Kmph)	19	10	8	4	7
Wind Direction (deg)	205	360	45	158	158

**Agromet Advisory**

**General Advisory:** Farmers are advised to shift harvested Arhar, Cauliflower, Cabbage and other vegetables from main field and make their safe storage. They should stop sowing of green gram, black gram, sesame other rabi crops and transplanting of tomato, chilly, onion as there will be rainfall is forecasted for today. Farmers are advised to stop their intercultural activities, fertilizer and pesticides applications as well as irrigation activities on today and may resume after tomorrow.

**Pulses:**

If pulse sowing activity is not completed then stop it for at least 2-3 days due to forecast of rainfall. Forecasted humid weather may aggravate the infestation of aphid in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride@0.2gm/ltr.

**Rabi-Groundnut:**

Due to forecasted 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 humid 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 forecasted humid 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. Past and 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. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. Due to forecasted humid 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. To prevent thrips infestation in onion crop, install blue sticky trap or spray Neem Seed Kernel extract @ 2ml/litre of water

**Cauliflower/Cabbage:**

Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l. Forecasted 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 .

**Tomato:**

The transplanted tomato is at flowering to fruiting stage (7-10week) stage. White fly may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.

**Cucurbits**-If the crops are affected by Epilachna Beetle spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3-ml/litre of water at early stage of infestation. To manage Epilachna Beetle chemically spray Chlorpyrifos 20 % EC @ 2-ml/litre of water or Profenophos 50 % EC @ 2-ml/litre of water

**Animal husbandry:**

Don't allow animals to graze outside during rainfall.

**Dr Sujata Sethy**  
(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 TANGI-CHOUDWAR



Bulletin No.-268

Date- 04/02/2022

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

The block received average 0 mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.83°C (-1.27°C from normal) and 14.71°C (-1.34°C from normal), respectively. Mean relative humidity of the district was around 53-84%.

**Forecasted period: Today(8.30IST) to 09<sup>th</sup> February (8.30IST)2022**

**Weather advisory:** Moderate rainfall / thundershower is forecasted for today and dry weather is forecasted for next 4 days in the block. The day temperature will be 26-30°C and night temperature will be 15-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-83% and 24-56% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/02/2022	05/02/2022	06/02/2022	07/02/2022	08/02/2022
Rainfall(mm)	22	0	0	0	0
T-Max(°C)	26	27	27	28	30
T-Min(°C)	17	15	15	17	18
Cloud Cover(octa)	5	3	1	0	2
RH Max (%)	83	64	70	73	72
RH Min (%)	56	24	39	39	39
Wind Speed (Kmph)	24	11	11	7	8
Wind Direction (deg)	205	23	110	135	169

## Agromet Advisory

**General Advisory:** Farmers are advised to shift harvested Arhar, Cauliflower, Cabbage and other vegetables from main field and make their safe storage. They should stop sowing of green gram, black gram, sesame other rabi crops and transplanting of tomato, chilly, onion as there will be rainfall is forecasted for today. Farmers are advised to stop their intercultural activities, fertilizer and pesticides applications as well as irrigation activities on today and may resume after tomorrow.

### Pulses:

If pulse sowing activity is not completed then stop it for at least 2-3 days due to forecast of rainfall. Forecasted humid weather may aggravate the infestation of aphid in pulses. Spray 2 ml. Dimethoate or Metacystox per litre water to control aphid. Present weather condition was favourable for the incidence of yellow mosaic virus which was caused by the vector white fly. To control go for spraying of triazophos @ 2ml/ltr or Acetamipride @ 0.2gm/ltr.

### Rabi-Groundnut:

Due to forecasted 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 humid 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 forecasted humid 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. Past and 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. There are chances of Potato Tuber Moth infestation in potato. To manage this pest chemically spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @ 80- ml/acre. Due to forecasted humid 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. To prevent thrips infestation in onion crop, install blue sticky trap or spray Neem Seed Kernel extract @ 2ml/litre of water

### Cauliflower/Cabbage:

Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l. Forecasted 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 .

### Tomato:

The transplanted tomato is at flowering to fruiting stage (7-10week) stage. White fly may infest the crop. Spray 60ml imidacloprid 17.8%SL or 50ml thiomethaxome 25%WG mixing with 200lit of water per acre crop area.

**Cucurbits:** If the crops are affected by Epilachna Beetle spray neem-based pesticide (Azadirachtin) 1500 PPM @ 3-ml/litre of water at early stage of infestation. To manage Epilachna Beetle chemically spray Chlorpyrifos 20 % EC @ 2-ml/litre of water or Profenophos 50 % EC @ 2-ml/litre of water

### Animal husbandry:

Don't allow animals to graze outside during rainfall.

Dr Sujata Sethy  
(Nodal officer)



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APP for Lightening alert in your area



Debasish Jena  
SMS (Agrometeorology)  
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**GRAMIN KRISHIMAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
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Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



**Bulletin No.-268**  
**Date- 04/02/2022**

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

The block received average 0 mm and district received average 0 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28.83°C (-1.27°C from normal) and 14.71°C (-1.34°C from normal), respectively. Mean relative humidity of the district was around 53-84%.

**Forecasted period: Today(8.30IST) to 09<sup>th</sup> February (8.30IST)2022**

**Weather advisory:** *Moderate rainfall / thundershower is forecasted for today and dry weather is forecasted for next 4 days in the block.* The day temperature will be 26-30°C and night temperature will be 15-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-92% and 18-54% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/02/2022	05/02/2022	06/02/2022	07/02/2022	08/02/2022
Rainfall(mm)	12	0	0	0	0
T-Max(°C)	27	26	27	28	30
T-Min(°C)	15	15	15	16	17
Cloud Cover(octa)	5	3	1	0	2
RH Max (%)	83	56	78	89	92
RH Min (%)	54	21	26	27	18
Wind Speed (Kmph)	16	7	6	5	8
Wind Direction (deg)	203	23	90	180	158

**Agro met Advisory**

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**Pulses:**

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(Nodal officer)



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Bulletin No.-268  
Date- 04/02/2022

				
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- Kindly install and use **“Meghdoot mobile App”** for Cuttack district weather forecast, warnings and weather based agromet advisory services.  
<https://play.google.com/store/apps/details?id=com.aas.meghdoot>
- Kindly install and use **“Damini mobile App”** for location specific for lightening forecast and warnings.  
<https://play.google.com/store/apps/details?id=com.lightening.live.damini>
- Follow the **block specific whats app groups** and join in your block wise groups for getting weather based agromet advisory services twice in a week (Tuesday and Friday) and other weather warning based farm management advisories.
- Follow the **Official Website links** to get the weather based agromet advisory service bulletins (**English & Odia**) twice in a week (Tuesday and Friday).

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

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