

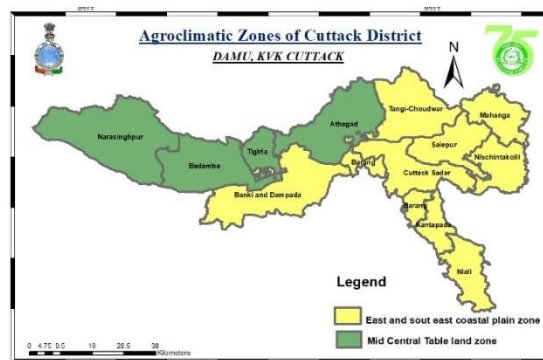


GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
 (A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

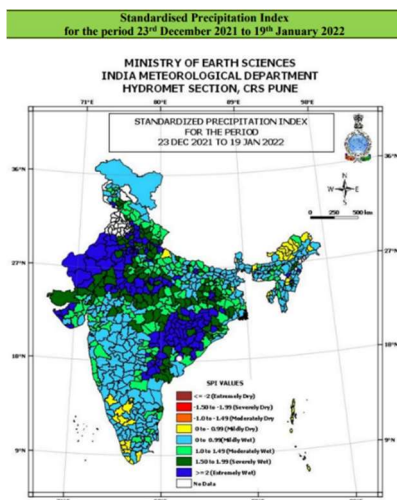


Bulletin No.-265
Date- 25/01/2022

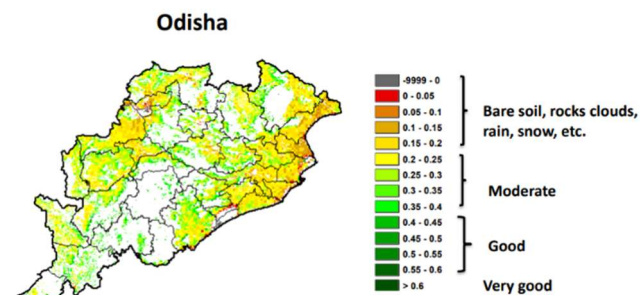
AGROCLIMATIC ZONES OF CUTTACK DISTRICT:



STANDARD PRECIPITATION INDEX AND NDVI MAP



NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 03
(15.01.2022 to 21.01.2022) over Agricultural region



Agriculture vigour is good over isolated places of the state.

As per SPI value (cumulative 4weeks -23 December 2021-19 January 2022), Moderately wet condition was there in Cuttack district.

According to NDVI map (15.01.2022 to 21.01.2022) the agriculture vigor was light over most eastern blocks and light to moderate over most 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)



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



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

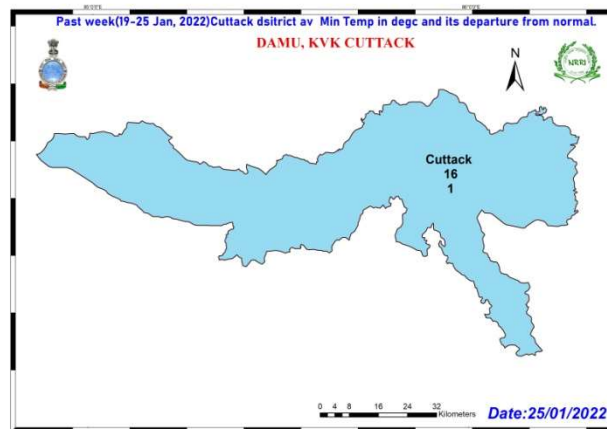
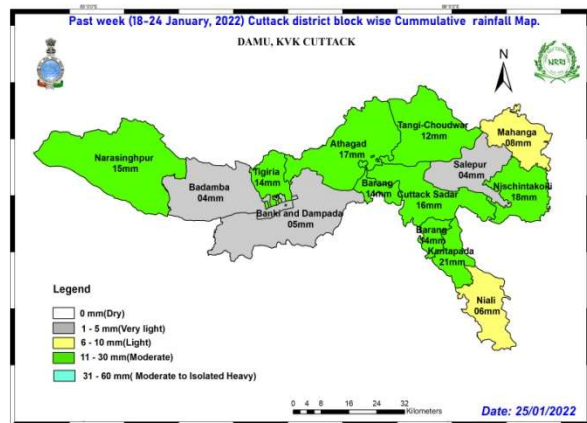


GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

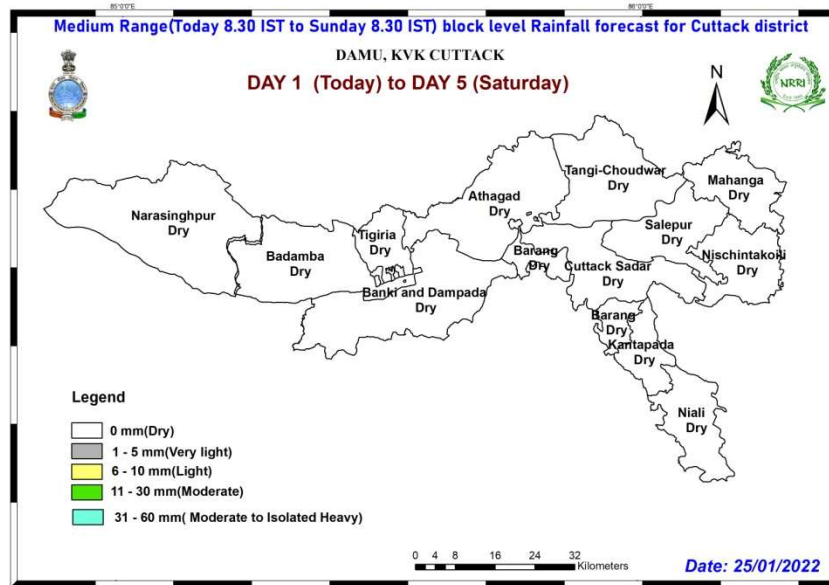


Bulletin No.-265
Date- 25/01/2022

Past week (18-24 Jan, 2022) cumulative rainfall and (19-25 Jan) average 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



Dr Sujata Sethy
(Nodal officer)



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



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



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
 (A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-265
Date- 25/01/2022

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (30 January – 05 February 2022)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	-34.39	Below Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	-1.25	Normal
	Minimum temperature	-2.32	Below Normal

General Agromet Advisory:- There will be below normal rainfall in subsequent week after 5 days (30 Jan – 05 Feb 2022) in Odisha condition, and there will be dry weather is forecasted for upcoming 5days in Cuttack district. Farmers should complete sowing of rabi vegetables and crops by utilization of past rain water in upcoming 2-3days as there will be below normal rainfall as well as minimum temperature is forecasted in the subsequent week.

Dr Sujata Sethy
 (Nodal officer)



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



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



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

(A Unit of ICAR-National Rice Research Institute)














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



Bulletin No.-265

Date- 25/01/2022

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
				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

Dr Sujata Sethy
(Nodal officer)



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



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



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










(A Unit of ICAR-National Rice Research Institute)

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

Bulletin No.-265

Date- 25/01/2022

				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

Dr Sujata Sethy
(Nodal officer)



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



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



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

(A Unit of ICAR-National Rice Research Institute)

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



Bulletin No.-265

Date- 25/01/2022

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 2.4 mm and district received average 1.74 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.1°C (-2.01°C from normal) and 16.4°C (+1.2°C from normal), respectively. Mean relative humidity of the district was around 69-90%.

Forecasted period: Today(8.30IST) to 30th January (8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 25-27°C and night temperature will be 10-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-92% and 30-46% 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	25/01/2022	26/01/2022	27/01/2022	28/01/2022	29/01/2022
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	27	26	26	25	26
T-Min (°C)	16	15	13	10	10
Cloud Cover (octa)	2	2	2	2	0
RH Max (%)	89	92	87	89	74
RH Min (%)	45	46	35	40	30
Wind Speed (kmph)	6	8	7	5	5
Wind Direction (deg)	113	90	30	101	343

Agromet Advisory

General Advisory: Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of past rain water as there will be decrease in minimum temperature by 3-4 deg c over Cuttack district in next 4 days. They are advised to cover the young seedlings with polythene cover to protect it from cold temperature.

Pulses:

Forecasted 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 past 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 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 forecasted foggy weather, there are chances of **Aphid** and **tink 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 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 forecasted 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:

Past rainfall favors the development of **botrytis leaf blight** in Onion. If it will be found apply carbendazim 2g/ltr of water. The transplanted seedlings are at seedling establishment to four week stage in main field. After transplanting of onion seedlings, apply pre-emergence herbicide like Pendimethalin 30 % E.C @ 1 litre /acre or Oxyfluorfen 23.5% E.C. at 1-2 DAT. Go for intercultural and loosen the soil upto 15cm in Onion field. 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.

Dr Sujata Sethy
(Nodal officer)



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



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



GRAMIN KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-265
Date- 25/01/2022

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 1 mm and district received average 1.74 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.1°C (-2.01°C from normal) and 16.4°C (+1.2°C from normal), respectively. Mean relative humidity of the district was around 69-90%.

Forecasted period: Today(8.30IST) to 30th January (8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 24-27°C and night temperature will be 10-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 53-93% and 28-43% 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	25/01/2022	26/01/2022	27/01/2022	28/01/2022	29/01/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	27	27	27	24	26
T-Min(°C)	15	15	11	10	10
Cloud Cover(octa)	1	2	1	2	0
RH Max (%)	91	92	90	93	53
RH Min (%)	43	39	34	41	28
Wind Speed (Kmph)	6	6	5	4	5
Wind Direction (deg)	135	45	349	45	351

Agromet Advisory

General Advisory: Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of past rain water as there will be decrease in minimum temperature by 3-4 deg c over Cuttack district in next 4 days. They are advised to cover the young seedlings with polythene cover to protect it from cold temperature.

Pulses:

Forecasted 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 past 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 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 forecasted 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. Past 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 forecasted 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:

Past rainfall favors the development of botrytis leaf blight in Onion. If it will be found apply carbendazim 2g/ltr of water. The transplanted seedlings are at seedling establishment to four week stage in main field. After transplanting of onion seedlings, apply pre-emergence herbicide like Pendimethalin 30 % E.C @ 1 litre /acre or Oxyfluorfen 23.5% E.C. at 1-2 DAT. Go for intercultivation and loosen the soil upto 15cm in Onion field. 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.

Dr Sujata Sethy
(Nodal officer)



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



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



GRAMIN KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)

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



Bulletin No.-265

Date- 25/01/2022

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 1.74 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.1°C (-2.01°C from normal) and 16.4°C (+1.2°C from normal), respectively. Mean relative humidity of the district was around 69-90%.

Forecasted period: Today(8.30IST) to 30th January (8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 26-28°C and night temperature will be 11-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-92% and 29-45% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/01/2022	26/01/2022	27/01/2022	28/01/2022	29/01/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	27	26	27	26
T-Min(°C)	15	15	13	12	11
Cloud Cover(octa)	2	2	2	2	0
RH Max (%)	90	92	88	91	68
RH Min (%)	45	41	34	42	29
Wind Speed (Kmph)	6	8	7	5	5
Wind Direction (deg)	113	90	15	68	345

Agromet Advisory

General Advisory: Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of past rain water as there will be decrease in minimum temperature by 3-4 deg c over Cuttack district in next 4 days. They are advised to cover the young seedlings with polythine cover to protect it from cold temperature.

Pulses:

Forecasted 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 past 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 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 gm per liter water.

Mustard:

Due to forecasted 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. Past 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 forecasted 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:

Past rainfall favors the development of botrytis leaf blight in Onion. If it will be found apply carbendazim 2g/ltr of water. The transplanted seedlings are at seedling establishment to four week stage in main field. After transplanting of onion seedlings, apply pre-emergence herbicide like Pendimethalin 30 % E.C @ 1 litre /acre or Oxyfluorfen 23.5% E.C. at 1-2 DAT. Go for intercultivation and loosen the soil upto 15cm in Onion field. 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.

Dr Sujata Sethy
(Nodal officer)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



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

(A Unit of ICAR-National Rice Research Institute)

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

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA



Bulletin No.-265

Date- 25/01/2022

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

The block received average 0.7 mm and district received average 1.74 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.1°C (-2.01°C from normal) and 16.4°C (+1.2°C from normal), respectively. Mean relative humidity of the district was around 69-90%.

Forecasted period: Today(8.30IST) to 30th January (8.30IST)2022

Weather Advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 26-28°C and night temperature will be 11-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-92% and 29-44% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/01/2022	26/01/2022	27/01/2022	28/01/2022	29/01/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	27	26	27	26
T-Min(°C)	15	15	13	12	11
Cloud Cover(octa)	2	1	2	2	1
RH Max (%)	89	92	88	90	70
RH Min (%)	44	42	34	42	29
Wind Speed (Kmph)	6	8	7	5	5
Wind Direction (deg)	113	90	15	68	345

Agromet Advisory

General Advisory: Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of past rain water as there will be decrease in minimum temperature by 3-4 deg c over Cuttack district in next 4 days. They are advised to cover the young seedlings with polythene cover to protect it from cold temperature.

Pulses:

Forecasted 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 past 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 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 gm per liter water.

Mustard:

Due to forecasted 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. **Past 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 forecasted 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:

Past rainfall favors the development of **botrytis leaf blight** in Onion. If it will be found apply carbendazim 2g/ltr of water. The transplanted seedlings are at seedling establishment to four week stage in main field. After transplanting of onion seedlings, apply pre-emergence herbicide like Pendimethalin 30 % E.C @ 1 litre /acre or Oxyfluorfen 23.5% E.C. at 1-2 DAT. Go for intercultivation and loosen the soil upto 15cm in Onion field. 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.

Dr Sujata Sethy
(Nodal officer)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



GRAMIN KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-265
Date- 25/01/2022

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 2 mm and district received average 1.74 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.1°C (-2.01°C from normal) and 16.4°C (+1.2°C from normal), respectively. Mean relative humidity of the district was around 69-90%.

Forecasted period: Today(8.30IST) to 30th January (8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 26-28°C and night temperature will be 11-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-93% and 29-47% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/01/2022	26/01/2022	27/01/2022	28/01/2022	29/01/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	27	26	27	26
T-Min(°C)	16	15	13	12	11
Cloud Cover	3	2	1	2	1
RH Max (%)	87	93	85	81	86
RH Min (%)	47	46	35	42	29
Wind Speed (Kmph)	8	11	9	8	6
Wind Direction (deg)	109	30	36	30	340

Agromet Advisory

General Advisory: Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of past rain water as there will be decrease in minimum temperature by 3-4 deg c over Cuttack district in next 4 days. They are advised to cover the young seedlings with polythene cover to protect it from cold temperature.

Pulses:

Forecasted 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 past 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 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 forecasted 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. **Past 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 forecasted 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:

Past rainfall favors the development of **botrytis leaf blight** in Onion. If it will be found apply carbendazim 2g/ltr of water. The transplanted seedlings are at seedling establishment to four week stage in main field. After transplanting of onion seedlings, apply pre-emergence herbicide like Pendimethalin 30 % E.C @ 1 litre /acre or Oxyfluorfen 23.5% E.C. at 1-2 DAT. Go for intercultivation and loosen the soil upto 15cm in Onion field. 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.

Dr Sujata Sethy
(Nodal officer)



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



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



GRAMIN KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)



Bulletin No.-265
Date- 25/01/2022

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 2 mm and district received average 1.74 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.1°C (-2.01°C from normal) and 16.4°C (+1.2°C from normal), respectively. Mean relative humidity of the district was around 69-90%.

Forecasted period: Today(8.30IST) to 30th January (8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 25-27°C and night temperature will be 12-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-93% and 29-46% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/01/2022	26/01/2022	27/01/2022	28/01/2022	29/01/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	27	26	26	25	26
T-Min(°C)	17	16	16	13	12
Cloud Cover(octa)	3	2	1	2	0
RH Max (%)	87	93	84	81	84
RH Min (%)	46	46	35	40	29
Wind Speed (Kmph)	7	10	9	7	6
Wind Direction (deg)	109	68	30	30	340

Agromet Advisory

General Advisory: Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of past rain water as there will be decrease in minimum temperature by 3-4 deg c over Cuttack district in next 4days. They are advised to cover the young seedlings with polythine cover to protect it from cold temperature.

Pulses:

Forecasted 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 past 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 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 forecasted foggy weather, there are chances of **Aphid** and **tink 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 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 forecasted 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:

Past rainfall favors the development of **botrytis leaf blight** in Onion. If it will be found apply carbendazim 2g/ltr of water. The transplanted seedlings are at seedling establishment to four week stage in main field. After transplanting of onion seedlings, apply pre-emergence herbicide like Pendimethalin 30 % E.C @ 1 litre /acre or Oxyfluorfen 23.5% E.C. at 1-2 DAT. Go for intercultural and loosen the soil upto 15cm in Onion field. 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.

Dr Sujata Sethy
(Nodal officer)



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



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



GRAMIN KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-265
Date- 25/01/2022

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 3 mm and district received average 1.74 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.1°C (-2.01°C from normal) and 16.4°C (+1.2°C from normal), respectively. Mean relative humidity of the district was around 69-90%.

Forecasted period: Today(8.30IST) to 30th January (8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 25-27°C and night temperature will be 13-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-94% and 28-48% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/01/2022	26/01/2022	27/01/2022	28/01/2022	29/01/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	26	27	27	25	26
T-Min(°C)	18	16	16	14	13
Cloud Cover(octa)	3	1	1	3	1
RH Max (%)	86	94	86	80	87
RH Min (%)	48	47	37	46	28
Wind Speed (Kmph)	9	12	10	9	6
Wind Direction (deg)	109	30	32	25	341

Agromet Advisory

General Advisory: Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of past rain water as there will be decrease in minimum temperature by 3-4 deg c over Cuttack district in next 4 days. They are advised to cover the young seedlings with polythene cover to protect it from cold temperature.

Pulses:

Forecasted 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 past 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 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 forecasted 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. **Past 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 forecasted 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:

Past rainfall favors the development of **botrytis leaf blight** in Onion. If it will be found apply carbendazim 2g/ltr of water. The transplanted seedlings are at seedling establishment to four week stage in main field. After transplanting of onion seedlings, apply pre-emergence herbicide like Pendimethalin 30 % E.C @ 1 litre /acre or Oxyfluorfen 23.5% E.C. at 1-2 DAT. Go for intercultivation and loosen the soil upto 15cm in Onion field. 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.

Dr Sujata Sathy
(Nodal officer)



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



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



GRAMIN KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)

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

AGROMET ADVISORY BULLETIN FOR MAHANGA



Bulletin No.-265

Date- 25/01/2022

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

The block received average 1 mm and district received average 1.74 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.1°C (-2.01°C from normal) and 16.4°C (+1.2°C from normal), respectively. Mean relative humidity of the district was around 69-90%.

Forecasted period: Today(8.30IST) to 30th January (8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be and it will be 24-27°C and night temperature will be 12-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-91% and 29-46% 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	25/01/2022	26/01/2022	27/01/2022	28/01/2022	29/01/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	27	27	26	24	25
T-Min(°C)	16	15	13	12	12
Cloud Cover(octal)	3	1	1	2	0
RH Max (%)	86	91	82	76	81
RH Min (%)	46	46	40	45	29
Wind Speed (Kmph)	8	12	10	9	7
Wind Direction (deg)	109	30	27	30	345

Agromet Advisory

General Advisory: Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of past rain water as there will be decrease in minimum temperature by 3-4 deg c over Cuttack district in next 4 days. They are advised to cover the young seedlings with polythene cover to protect it from cold temperature.

Pulses:

Forecasted 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 past 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 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 forecasted 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. **Past 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 forecasted 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:

Past rainfall favors the development of **botrytis leaf blight** in Onion. If it will found apply carbendazim 2g/ltr of water. The transplanted seedlings are at seedling establishment to four week stage in main field. After transplanting of onion seedlings, apply pre-emergence herbicide like Pendimethalin 30 % E.C @ 1 litre /acre or Oxyfluorfen 23.5% E.C. at 1-2 DAT. Go for intercultivation and loosen the soil upto 15cm in Onion field. 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.

Dr Sujata Sethy
(Nodal officer)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



GRAMIN KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-265
Date- 25/01/2022

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 2 mm and district received average 1.74 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.1°C (-2.01°C from normal) and 16.4°C (+1.2°C from normal), respectively. Mean relative humidity of the district was around 69-90%.

Forecasted period: Today(8.30IST) to 30th January (8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 26-28°C and night temperature will be 10-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 40-93% and 23-41% 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	25/01/2022	26/01/2022	27/01/2022	28/01/2022	29/01/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	28	27	26	26
T-Min(°C)	15	15	11	10	10
Cloud Cover(octa)	1	1	0	2	0
RH Max (%)	93	92	91	87	40
RH Min (%)	36	41	31	35	23
Wind Speed (Kmph)	5	4	3	3	5
Wind Direction (deg)	153	68	23	30	333

Agromet Advisory

General Advisory: Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of past rain water as there will be decrease in minimum temperature by 3-4 deg c over Cuttack district in next 4 days. They are advised to cover the young seedlings with polythene cover to protect it from cold temperature.

Pulses:

Forecasted 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 past 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 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 forecasted 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. Past 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 forecasted 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:

Past rainfall favors the development of botrytis leaf blight in Onion. If it will be found apply carbendazim 2g/ltr of water. The transplanted seedlings are at seedling establishment to four week stage in main field. After transplanting of onion seedlings, apply pre-emergence herbicide like Pendimethalin 30 % E.C @ 1 litre /acre or Oxyfluorfen 23.5% E.C. at 1-2 DAT. Go for intercultivation and loosen the soil upto 15cm in Onion field. 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.

Dr Sujata Sethy
(Nodal officer)



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



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



GRAMIN KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-265
Date- 25/01/2022

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 1 mm and district received average 1.74 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.1°C (-2.01°C from normal) and 16.4°C (+1.2°C from normal), respectively. Mean relative humidity of the district was around 69-90%.

Forecasted period: Today(8.30IST) to 30th January (8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 25-27°C and night temperature will be 13-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-94% and 29-50% 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	25/01/2022	26/01/2022	27/01/2022	28/01/2022	29/01/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	26	27	27	25	26
T-Min(°C)	18	16	16	14	13
Cloud Cover(octa)	4	1	1	2	1
RH Max (%)	85	94	85	80	87
RH Min (%)	50	49	39	48	29
Wind Speed(Kmph)	10	13	11	10	6
Wind Direction(deg)	105	45	27	30	341

Agromet Advisory

General Advisory: Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of past rain water as there will be decrease in minimum temperature by 3-4 deg c over Cuttack district in next 4 days. They are advised to cover the young seedlings with polythine cover to protect it from cold temperature.

Pulses:

Forecasted 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 past 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 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 forecasted foggy weather, there are chances of Aphid and tinkle bug infestation in early sown mustard crop. To manage aphids and tinkle 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 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 forecasted 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:

Past rainfall favors the development of botrytis leaf blight in Onion. If it will found apply carbendazim 2g/ltr of water. The transplanted seedlings are at seedling establishment to four week stage in main field. After transplanting of onion seedlings, apply pre-emergence herbicide like Pendimethalin 30 % E.C @ 1 litre /acre or Oxyfluorfen 23.5% E.C. at 1-2 DAT. Go for intercultivation and loosen the soil upto 15cm in Onion field. 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.

Dr Sujata Sethy
(Nodal officer)



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



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



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

(A Unit of ICAR-National Rice Research Institute)

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



Bulletin No.-265

Date- 25/01/2022

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 3 mm and district received average 1.74 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.1°C (-2.01°C from normal) and 16.4°C (+1.2°C from normal), respectively. Mean relative humidity of the district was around 69-90%.

Forecasted period: Today(8.30IST) to 30th January (8.30IST)2022

Weatheradvisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 24-27°C and night temperature will be 12-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-92% and 29-46% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	25/01/2022	26/01/2022	27/01/2022	28/01/2022	29/01/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	26	27	26	24	26
T-Min(°C)	17	16	16	13	12
Cloud Cover(octa)	3	1	1	2	0
RH Max (%)	86	92	83	77	81
RH Min (%)	46	46	40	45	29
Wind Speed (Kmph)	8	12	11	9	6
Wind Direction (deg)	109	30	32	45	345

Agromet Advisory

General Advisory: Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of past rain water as there will be decrease in minimum temperature by 3-4 deg c over Cuttack district in next 4 days. They are advised to cover the young seedlings with polythine cover to protect it from cold temperature.

Pulses:

Forecasted 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 past 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 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 forecasted 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. **Past 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 forecasted 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:

Past rainfall favors the development of **botrytis leaf blight** in Onion. If it will be found apply carbendazim 2g/ltr of water. The transplanted seedlings are at seedling establishment to four week stage in main field. After transplanting of onion seedlings, apply pre-emergence herbicide like Pendimethalin 30 % E.C @ 1 litre /acre or Oxyfluorfen 23.5% E.C. at 1-2 DAT. Go for intercultural and loosen the soil upto 15cm in Onion field. 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.

Dr Sujata Sethy
(Nodal officer)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



GRAMIN KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-265
Date- 25/01/2022

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 1 mm and district received average 1.74 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.1°C (-2.01°C from normal) and 16.4°C (+1.2°C from normal), respectively. Mean relative humidity of the district was around 69-90%.

Forecasted period: Today(8.30IST) to 30th January (8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 24-27°C and night temperature will be 14-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-92% and 29-46% 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	25/01/2022	26/01/2022	27/01/2022	28/01/2022	29/01/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	26	27	26	24	26
T-Min(°C)	17	16	16	13	12
Cloud Cover(octa)	3	2	1	2	0
RH Max (%)	86	92	83	77	82
RH Min (%)	46	46	39	44	29
Wind Speed (Kmph)	8	12	10	9	6
Wind Direction (deg)	109	30	28	23	345

Agromet Advisory

General Advisory: Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of past rain water as there will be decrease in minimum temperature by 3-4 deg c over Cuttack district in next 4 days. They are advised to cover the young seedlings with polythene cover to protect it from cold temperature.

Pulses:

Forecasted 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 past 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 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 forecasted 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. Past 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 forecasted 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:

Past rainfall favors the development of botrytis leaf blight in Onion. If it will be found apply carbendazim 2g/ltr of water. The transplanted seedlings are at seedling establishment to four week stage in main field. After transplanting of onion seedlings, apply pre-emergence herbicide like Pendimethalin 30 % E.C @ 1 litre /acre or Oxyfluorfen 23.5% E.C. at 1-2 DAT. Go for intercultivation and loosen the soil upto 15cm in Onion field. 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.

Dr Sujata Sethy
(Nodal officer)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



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

(A Unit of ICAR-National Rice Research Institute)

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

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR



Bulletin No.-265

Date- 25/01/2022

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

The block received average 2 mm and district received average 1.74 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.1°C (-2.01°C from normal) and 16.4°C (+1.2°C from normal), respectively. Mean relative humidity of the district was around 69-90%.

Forecasted period: Today(8.30IST) to 30th January (8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 26-27°C and night temperature will be 11-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-90% and 34-52% 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	25/01/2022	26/01/2022	27/01/2022	28/01/2022	29/01/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	27	27	27	26	26
T-Min(°C)	16	15	13	11	11
Cloud Cover(octa)	3	2	0	2	0
RH Max (%)	79	90	78	73	78
RH Min (%)	52	52	51	50	34
Wind Speed (Kmph)	11	16	15	13	8
Wind Direction (deg)	107	34	45	63	101

Agromet Advisory

General Advisory: Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of past rain water as there will be decrease in minimum temperature by 3-4 deg c over Cuttack district in next 4 days. They are advised to cover the young seedlings with polythine cover to protect it from cold temperature.

Pulses:

Forecasted 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 past 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 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 forecasted 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. Past 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 forecasted 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:

Past rainfall favors the development of **botrytis leaf blight** in Onion. If it will be found apply carbendazim 2g/ltr of water. The transplanted seedlings are at seedling establishment to four week stage in main field. After transplanting of onion seedlings, apply pre-emergence herbicide like Pendimethalin 30 % E.C @ 1 litre /acre or Oxyfluorfen 23.5% E.C. at 1-2 DAT. Go for intercultivation and loosen the soil upto 15cm in Onion field. 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.

Dr Sujata Sethy
(Nodal officer)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



GRAMIN KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-265
Date- 25/01/2022

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 2 mm and district received average 1.74 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.1°C (-2.01°C from normal) and 16.4°C (+1.2°C from normal), respectively. Mean relative humidity of the district was around 69-90%.

Forecasted period: Today(8.30IST) to 30th January (8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 24-27°C and night temperature will be 10-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-92% and 30-44% 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	25/01/2022	26/01/2022	27/01/2022	28/01/2022	29/01/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	27	27	26	24	26
T-Min(°C)	15	15	11	11	10
Cloud Cover(octa)	2	2	2	2	0
RH Max (%)	90	92	88	92	64
RH Min (%)	44	43	35	41	30
Wind Speed (Kmph)	6	7	6	5	5
Wind Direction (deg)	153	68	23	68	9

Agro met Advisory

General Advisory: Farmers are advised to complete the pulse sowing activity as soon as possible by utilization of past rain water as there will be decrease in minimum temperature by 3-4 deg c over Cuttack district in next 4 days. They are advised to cover the young seedlings with polythene cover to protect it from cold temperature.

Pulses:

Forecasted 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 past 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 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 forecasted 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. **Past 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 forecasted 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:

Past rainfall favors the development of **botrytis leaf blight** in Onion. If it will be found apply carbendazim 2g/ltr of water. The transplanted seedlings are at seedling establishment to four week stage in main field. After transplanting of onion seedlings, apply pre-emergence herbicide like Pendimethalin 30 % E.C @ 1 litre /acre or Oxyfluorfen 23.5% E.C. at 1-2 DAT. Go for intercultural and loosen the soil upto 15cm in Onion field. 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.

Dr Sujata Sethy
(Nodal officer)



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



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





GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
 (A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-265
 Date- 25/01/2022

				
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	

Dr Sujata Sethy
 (Nodal officer)



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



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