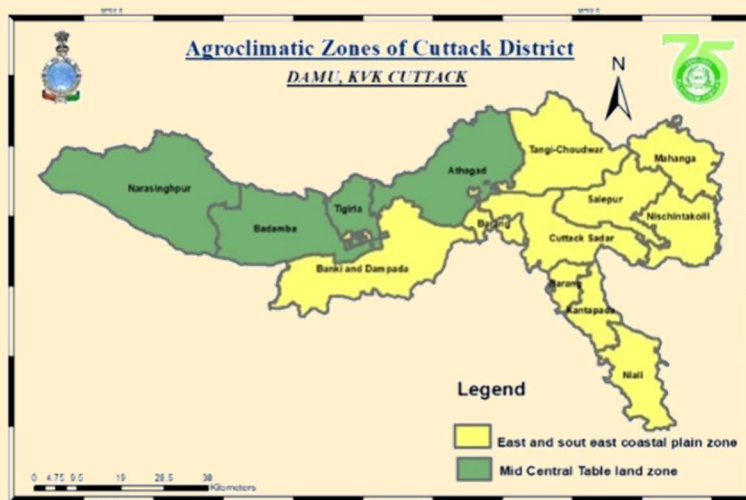




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 29th December, 2023
(For the period 29th December, 2023 to
2nd January, 2024)*



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





GRAMIN KRISHI MAUSAM SEWA
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DISTRICT AGROMET UNIT
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Bulletin No.-466
Date- 29/12/2023

STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p align="center">Standardised Precipitation Index for the period 28th September to 25th October 2023</p> <p align="center">MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CRS PUNE</p> <p align="center">STANDARDIZED PRECIPITATION INDEX FOR THE PERIOD 28 SEPTEMBER TO 25 OCTOBER, 2023</p> <p align="center">SPI VALUES</p> <ul style="list-style-type: none"> < -3.0 (Extremely Dry) -2.0 to -3.0 (Very Dry) -1.5 to -2.0 (Dry) -1.0 to -1.5 (Moderately Dry) -0.5 to -1.0 (Slightly Dry) -0.4 to -0.5 (Near Normal) 0.0 to 0.4 (Near Normal) 0.5 to 0.9 (Slightly Wet) 1.0 to 1.4 (Moderately Wet) 1.5 to 1.9 (Dry) 2.0 to 2.9 (Very Dry) > 3.0 (Extremely Wet) 	<p align="center">NOAA/VIIIRS/BLENDED NDVI Composite ending on Week no 51 (17.12.2023 to 23.12.2023) over Agricultural region</p> <p align="center">Odisha</p> <p align="center">Agriculture vigour is good at few places of the state.</p> <p align="center">Legend for NDVI values:</p> <ul style="list-style-type: none"> < 0.05: Bare soil, rocks, clouds, rain, snow, etc. 0.05 - 0.1 0.1 - 0.15 0.15 - 0.2 0.2 - 0.25 0.25 - 0.3 0.3 - 0.35 0.35 - 0.4 0.4 - 0.45 0.45 - 0.5 0.5 - 0.55 0.55 - 0.6 > 0.6: Very good
<p>As per SPI value (cumulative 4weeks -28 September to 25 October2023), Mildly drycondition was there in Cuttack district.</p>	<p>According to NDVI map (17.12.2023 to 23.12.2023) the agriculture vigor wasvery light (<0.3 NDVI value)over many places of most of blocks which indicates harvested/fallow area over the region and light (0.3-0.4 NDVI Value) which indicates near to harvest/Seedling stage of crops/Vegetables.</p>

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

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

DrRanjan Kumar Mohanta
(Nodal officer)



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Debasish Jena
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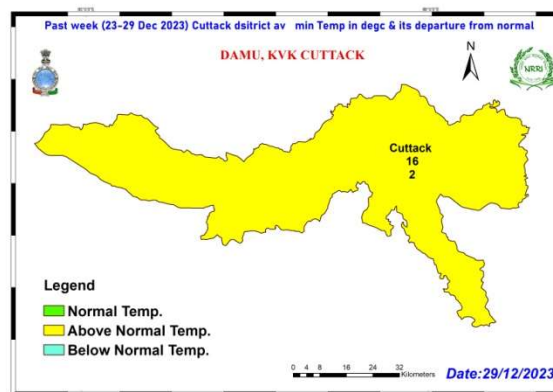
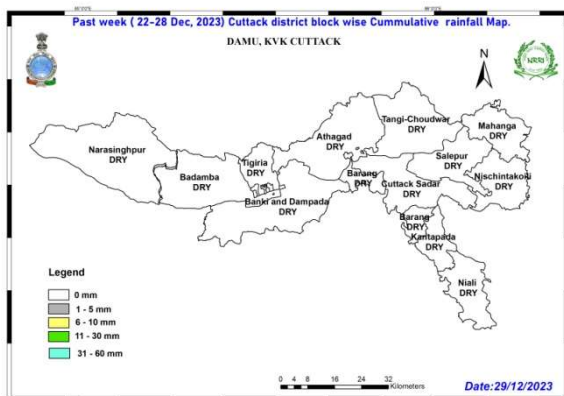


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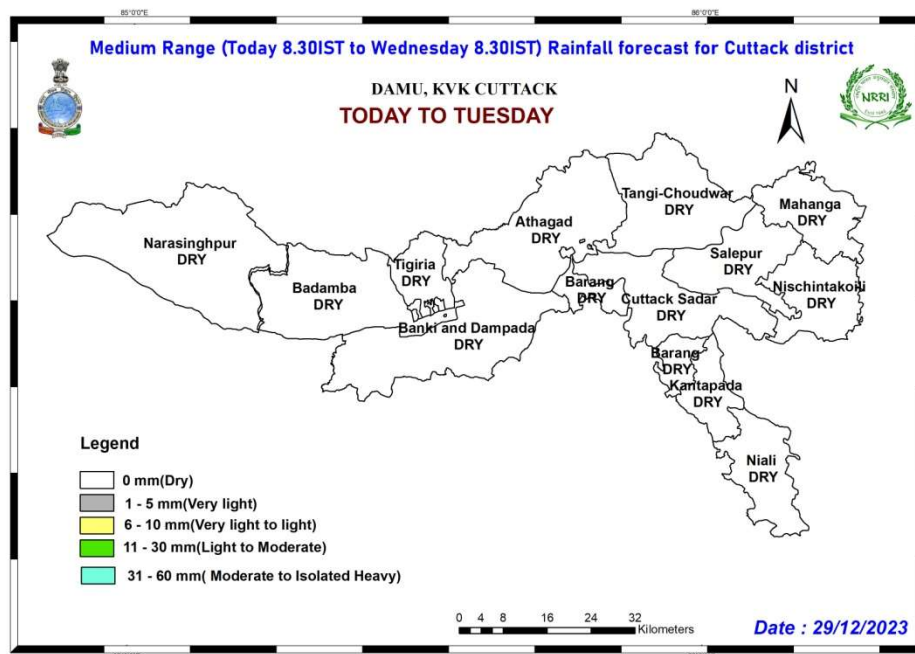


Bulletin No.-466
Date- 29/12/2023

Past week (22-28 Dec, 2023) cumulative rainfall (mm) and (23-29 Dec) average weekly minimum temperature and its departure from normal for Cuttack district



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



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Bulletin No.-466

Date- 29/12/2023

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	Mustard	Vegetative to flowering stage		Aphid
				Saw fly
				White rust
				Sink Bug
2	Pulse	Vegetative		Aphid
				Powdery mildew
3	Rabi Groundnut	Vegetative stage		Leaf Miner
4	Vegetables (Tomato, Chilli, Brinjal)	Vegetative to fruiting		Thrips
				Mites
		Fruiting		Fruit and shoot borer
4	Tomato			Late blight
				Leaf Curl virus
5	Potato	Sprouting/Vegetative stage		Cut worm and leaf eating insect
6	Cole crops (Cauliflower and cabbage)			Leaf eating caterpillar

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Bulletin No.-466
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				Fruit borer
		Vegetative to fruiting		Diamond back moth
				Tobacco Caterpillar
				Cabbage webber

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AGROMET ADVISORY BULLETIN FOR ATHAGAD



Bulletin No.-466
Date- 29/12/2023

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

The block received average 0mm & district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **27.2°C (-1.04°C from normal)** and **15.8°C (+1.98°C from normal)**, respectively. Mean relative humidity of the district was around 71-84%.

Forecasted period: Today (8.30 IST) to 03rd January (8.30 IST) 2024

Weather advisory: *Dry weather is forecasted for next 5 days in the block.* The day temperature will be **28-30°C** and night temperature will be **15-16°C** for upcoming 5 days. Maximum and minimum relative humidity will be 82-90% and 26-28% 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	29/12/2023	30/12/2023	31/12/2023	01/01/2024	02/01/2024
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	28	28	29	30	30
T-Min (°C)	15	15	16	16	16
Cloud Cover (octa)	2	0	0	0	0
RH Max (%)	90	82	83	83	86
RH Min (%)	28	26	26	26	27
Wind Speed (kmph)	7	5	5	4	6
Wind Direction (deg)	23	60	285	169	162

Agromet Advisory

General Advisory: *As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables. As Dense Fog very likely in isolated pockets Cuttack district during next days, monitor the standing crops for incidence and spread of pest diseases; potato, tomato and onion crops for early/late blight disease. If symptoms are noticed, undertake appropriate plant protection measures.*

PULSES:

Foggy and cool 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.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid and stink bug** infestation in early sown mustard crop. To manage aphids and stink bug chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage **Mustard sawfly** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. **There may be chances of white rust disease in Mustard due to decrease in temperature, to control spray Metalaxyl 2g/liter of water.**

VEGETABLES:

Potato: Go for hoeing and hand weeding at 21 DAS and earthing up. After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly. Apply chlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect**.

Tomato: To avoid **late blight** precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants. There may be chances of **leaf curl virus in tomato**. To manage, spray Thiamethoxam 25 WG @ 200 g/ac or Imidacloprid 17.8 SL @ 200 ml/ac.

Brinjal and Chilly: Shoot and fruit borer and leaf eating Caterpillar may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Cabbage and Cauliflower:

Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit of water per acre crop. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.

Animal husbandry:

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

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-466

Date- 29/12/2023

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.2°C (-1.04°C from normal)** and **15.8°C (+1.98°C from normal)**, respectively. Mean relative humidity of the district was around 71-84%.

Forecasted period: Today(8.30IST) to 03rd January (8.30IST)2024

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be 28-30°C and night temperature will be 14-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-88% and 25-28% 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	29/12/2023	30/12/2023	31/12/2023	01/01/2024	02/01/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	28	29	30	30
T-Min(°C)	14	15	15	15	15
Cloud Cover(octa)	2	0	0	0	0
RH Max (%)	88	80	81	76	81
RH Min (%)	28	26	26	25	26
Wind Speed (Kmph)	6	4	4	4	6
Wind Direction (deg)	60	150	158	195	180

Agromet Advisory

General Advisory: As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables. As Dense Fog very likely in isolated pockets Cuttack district during next days, monitor the standing crops for incidence and spread of pest diseases; potato, tomato and onion crops for early/late blight disease. If symptoms are noticed, undertake appropriate plant protection measures.

PULSES:

Foggy and cool 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.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage leaf miner spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of Aphid and stink bug infestation in early sown mustard crop. To manage aphids and stink bug chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage Mustard sawfly spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. There may be chances of white rust disease in Mustard due to decrease in temperature, to control spray Metalaxyl 2g/liter of water.

VEGETABLES:

Potato: Go for hoeing and hand weeding at 21 DAS and earthing up. After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly. Apply chlorpyrifos @ 2.5 ml/lit of water against the attack of cut worm and leaf eating insect.

Tomato: To avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants. There may be chances of leaf curl virus in tomato. To manage, spray Thiamethoxam 25 WG @ 200 g/ac or Imidacloprid 17.8 SL @ 200 ml/ac.

Brinjal and Chilly: Shoot and fruit borer and leaf eating Caterpillar may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Cabbage and Cauliflower:

Current weather is favourable for attack of Cabbage webber and tobacco caterpillar in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. Leaf eating caterpillar and fruit borer may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit of water per acre crop. Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l.

Animal husbandry:

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





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Bulletin No.-466
Date- 29/12/2023

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.2°C (-1.04°C from normal)** and **15.8°C (+1.98°C from normal)**, respectively. Mean relative humidity of the district was around 71-84%.

Forecasted period: Today(8.30IST) to 03rd January (8.30IST)2024

Weather advisory: *Dry weather is forecasted for next 5 days in the block.* The day temperature will be **28-30°C** and night temperature will be **15-16°C** for upcoming 5 days. Maximum and minimum relative humidity will be 80-90% and 26-27% 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	29/12/2023	30/12/2023	31/12/2023	01/01/2024	02/01/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	28	29	30	30
T-Min(°C)	15	15	15	16	16
Cloud Cover(octa)	2	0	0	0	0
RH Max (%)	90	82	82	80	85
RH Min (%)	27	26	26	26	27
Wind Speed (Kmph)	6	5	5	5	7
Wind Direction (deg)	15	23	158	169	180

Agromet Advisory

General Advisory: *As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables. As Dense Fog very likely in isolated pockets Cuttack district during next days, monitor the standing crops for incidence and spread of pest diseases; potato, tomato and onion crops for early/late blight disease. If symptoms are noticed, undertake appropriate plant protection measures.*

PULSES:

Foggy and cool 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.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

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Bulletin No.-466

Date- 29/12/2023

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.2°C (-1.04°C from normal)** and **15.8°C (+1.98°C from normal)**, respectively. Mean relative humidity of the district was around 71-84%.

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Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/12/2023	30/12/2023	31/12/2023	01/01/2024	02/01/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	28	29	30	30
T-Min(°C)	15	15	15	16	16
Cloud Cover(octa)	2	0	0	0	0
RH Max (%)	90	82	82	80	85
RH Min (%)	27	25	26	26	27
Wind Speed (Kmph)	6	5	5	5	7
Wind Direction (deg)	15	23	162	169	180

Agromet Advisory

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PULSES:

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Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid and stink bug** infestation in early sown mustard crop. To manage aphids and stink bug chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage **Mustard sawfly** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. **There may be chances of white rust disease in Mustard due to decrease in temperature, to control spray Metalaxyl 2g/liter of water.**

VEGETABLES:

Potato: Go for hoeing and hand weeding at 21 DAS and earthing up. After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly. Apply chlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect**.

Tomato: To avoid **late blight** precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants. There may be chances of **leaf curl virus in tomato**. To manage, spray Thiamethoxam 25 WG @ 200 g/ac or Imidacloprid 17.8 SL @ 200 ml/ac.

Brinjal and Chilly: **Shoot and fruit borer and leaf eating Caterpillar** may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Cabbage and Cauliflower:

Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit of water per acre crop. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.

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.





GRAMIN KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
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Bulletin No.-466
Date- 29/12/2023

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.2°C (-1.04°C from normal)** and **15.8°C (+1.98°C from normal)**, respectively. Mean relative humidity of the district was around 71-84%.

Forecasted period: Today(8.30IST) to 03rd January (8.30IST)2024

Weather advisory: *Dry weather is forecasted for next 5 days in the block.* The day temperature will be **28-30°C** and night temperature will be **16-17°C** for upcoming 5 days. Maximum and minimum relative humidity will be 78-88% and 26-29% 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	29/12/2023	30/12/2023	31/12/2023	01/01/2024	02/01/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	28	29	30	30
T-Min(°C)	16	16	16	17	17
Cloud Cover	2	0	0	0	0
RH Max (%)	88	80	78	81	88
RH Min (%)	26	26	27	27	29
Wind Speed (Kmph)	8	7	6	5	7
Wind Direction (deg)	360	15	293	158	169

Agromet Advisory

General Advisory: *As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables. As Dense Fog very likely in isolated pockets Cuttack district during next days, monitor the standing crops for incidence and spread of pest diseases; potato, tomato and onion crops for early/late blight disease. If symptoms are noticed, undertake appropriate plant protection measures.*

PULSES:

Foggy and cool 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.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid and stink bug** infestation in early sown mustard crop. To manage aphids and stink bug chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage **Mustard sawfly** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. **There may be chances of white rust disease in Mustard due to decrease in temperature, to control spray Metalaxyl 2g/liter of water.**

VEGETABLES:

Potato: Go for hoeing and hand weeding at 21 DAS and earthing up. After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly. Apply chlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect**.

Tomato: To avoid **late blight** precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants. There may be chances of **leaf curl virus in tomato**. To manage, spray Thiamethoxam 25 WG @ 200 g/ac or Imidacloprid 17.8 SL @ 200 ml/ac.

Brinjal and Chilly: **Shoot and fruit borer and leaf eating Caterpillar** may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Cabbage and Cauliflower:

Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit of water per acre crop. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.

Animal husbandry:

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

DrRanjan Kumar Mohanta
(Nodal officer)



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APP for Lightening alert in your area



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

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AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR



Bulletin No.-466

Date- 29/12/2023

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.2°C (-1.04°C from normal)** and **15.8°C (+1.98°C from normal)**, respectively. Mean relative humidity of the district was around 71-84%.

Forecasted period: Today(8.30IST) to 03rd January (8.30IST)2024

Weather advisory: *Dry weather is forecasted for next 5 days in the block.* The day temperature will be **28-31°C** and night temperature will be **16-17°C** for upcoming 5 days. Maximum and minimum relative humidity will be 79-88% and 26-28% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/12/2023	30/12/2023	31/12/2023	01/01/2024	02/01/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	28	29	30	31
T-Min(°C)	16	16	16	17	17
Cloud Cover(octa)	2	0	0	0	0
RH Max (%)	88	80	79	81	87
RH Min (%)	27	26	27	26	28
Wind Speed (Kmph)	7	6	5	5	6
Wind Direction (deg)	360	15	293	162	180

Agromet Advisory

General Advisory: As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables. As Dense Fog very likely in isolated pockets Cuttack district during next days, monitor the standing crops for incidence and spread of pest diseases; potato, tomato and onion crops for early/late blight disease. If symptoms are noticed, undertake appropriate plant protection measures.

PULSES:

Foggy and cool 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.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid and stink bug** infestation in early sown mustard crop. To manage aphids and stink bug chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage **Mustard sawfly** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. **There may be chances of white rust disease in Mustard due to decrease in temperature, to control spray Metalaxyl 2g/liter of water.**

VEGETABLES:

Potato: Go for hoeing and hand weeding at 21 DAS and earthing up. After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly. Apply chlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect**.

Tomato: To avoid **late blight** precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants. There may be chances of **leaf curl virus in tomato**. To manage, spray Thiamethoxam 25 WG @ 200 g/ac or Imidacloprid 17.8 SL @ 200 ml/ac.

Brinjal and Chilly: Shoot and fruit borer and leaf eating Caterpillar may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Cabbage and Cauliflower:

Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit of water per acre crop. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.

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 Ranjan Kumar Mohanta
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR KANTAPADA



Bulletin No.-466

Date- 29/12/2023

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.2°C (-1.04°C from normal)** and **15.8°C (+1.98°C from normal)**, respectively. Mean relative humidity of the district was around 71-84%.

Forecasted period: Today(8.30IST) to 03rd January (8.30IST)2024

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be 28-30°C and night temperature will be 16-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-89% and 26-31% 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	29/12/2023	30/12/2023	31/12/2023	01/01/2024	02/01/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	29	29	30	30
T-Min(°C)	16	16	17	17	18
Cloud Cover(octa)	1	0	0	0	0
RH Max (%)	86	80	77	80	89
RH Min (%)	27	26	28	29	31
Wind Speed (Kmph)	8	7	6	6	7
Wind Direction (deg)	338	15	288	135	161

Agromet Advisory

General Advisory: As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables. As Dense Fog very likely in isolated pockets Cuttack district during next days, monitor the standing crops for incidence and spread of pest diseases; potato, tomato and onion crops for early/late blight disease. If symptoms are noticed, undertake appropriate plant protection measures.

PULSES:

Foggy and cool 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.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid and stink bug** infestation in early sown mustard crop. To manage aphids and stink bug chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage **Mustard sawfly** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. **There may be chances of white rust disease in Mustard due to decrease in temperature, to control spray Metalaxyl 2g/liter of water.**

VEGETABLES:

Potato: Go for hoeing and hand weeding at 21 DAS and earthing up and After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly. Apply chlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect**.

Tomato: To avoid **late blight** precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants. There may be chances of **leaf curl virus in tomato**. To manage, spray Thiamethoxam 25 WG @ 200 g/ac or Imidacloprid 17.8 SL @ 200 ml/ac.

Brinjal and Chilly: Shoot and fruit borer and leaf eating Caterpillar may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Cabbage and Cauliflower:

Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit of water per acre crop. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.

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.





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

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AGROMET ADVISORY BULLETIN FOR MAHANGA



Bulletin No.-466

Date- 29/12/2023

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.2°C (-1.04°C from normal)** and **15.8°C (+1.98°C from normal)**, respectively. Mean relative humidity of the district was around 71-84%.

Forecasted period: Today(8.30IST) to 03rd January (8.30IST)2024

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be and it will be **28-30°C** and night temperature will be **16-17°C** for upcoming 5 days. Maximum and minimum relative humidity will 72-84% and 26-29% 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	29/12/2023	30/12/2023	31/12/2023	01/01/2024	02/01/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	28	29	30	30
T-Min(°C)	16	16	16	17	17
Cloud Cover(octal)	1	0	0	0	0
RH Max (%)	82	75	72	75	84
RH Min (%)	28	26	28	28	29
Wind Speed (Kmph)	8	7	6	6	6
Wind Direction (deg)	15	15	288	270	248

Agro-met Advisory

General Advisory: As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables. As Dense Fog very likely in isolated pockets Cuttack district during next days, monitor the standing crops for incidence and spread of pest diseases; potato, tomato and onion crops for early/late blight disease. If symptoms are noticed, undertake appropriate plant protection measures.

PULSES:

Foggy and cool 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.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid and stink bug** infestation in early sown mustard crop. To manage aphids and stink bug chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage **Mustard sawfly** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. **There may be chances of white rust disease in Mustard due to decrease in temperature, to control spray Metalaxyl 2g/liter of water.**

VEGETABLES:

Potato: Go for hoeing and hand weeding at 21 DAS and earthing up. After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly. Apply chlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect**.

Tomato: To avoid **late blight** precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants. There may be chances of **leaf curl virus in tomato**. To manage, spray Thiamethoxam 25 WG @ 200 g/ac or Imidacloprid 17.8 SL @ 200 ml/ac.

Brinjal and Chilly: Shoot and fruit borer and leaf eating Caterpillar may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Cabbage and Cauliflower:

Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit of water per acre crop. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.

Animal husbandry:

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

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-466
Date- 29/12/2023

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AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.2°C (-1.04°C from normal)** and **15.8°C (+1.98°C from normal)**, respectively. Mean relative humidity of the district was around 71-84%.

Forecasted period: Today(8.30IST) to 03rd January (8.30IST)2024

Weather advisory: *Dry weather is forecasted for next 5 days in the block.* The day temperature will be 27-30°C and night temperature will be 13-14°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-88% and 24-29% 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	29/12/2023	30/12/2023	31/12/2023	01/01/2024	02/01/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	27	28	29	29	30
T-Min(°C)	13	13	13	14	14
Cloud Cover(/octa)	2	0	0	0	0
RH Max (%)	88	78	79	74	77
RH Min (%)	29	26	26	25	24
Wind Speed (Kmph)	4	3	4	4	5
Wind Direction (deg)	30	90	169	195	189

Agromet Advisory

General Advisory: *As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables. As Dense Fog very likely in isolated pockets Cuttack district during next days, monitor the standing crops for incidence and spread of pest diseases; potato, tomato and onion crops for early/late blight disease. If symptoms are noticed, undertake appropriate plant protection measures.*

PULSES:

Foggy and cool 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.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid and stink bug** infestation in early sown mustard crop. To manage aphids and stink bug chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage **Mustard sawfly** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. **There may be chances of white rust disease in Mustard due to decrease in temperature, to control spray Metalaxyl 2g/liter of water.**

VEGETABLES:

Potato: Go for hoeing and hand weeding at 21 DAS and earthing up. After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly. Apply chlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect**.

Tomato: To avoid **late blight** precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants. There may be chances of **leaf curl virus in tomato**. To manage, spray Thiamethoxam 25 WG @ 200 g/ac or Imidacloprid 17.8 SL @ 200 ml/ac.

Brinjal and Chilly: **Shoot and fruit borer and leaf eating Caterpillar** may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Cabbage and Cauliflower:

Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit of water per acre crop. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.

Animal husbandry:

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

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-466
Date- 29/12/2023

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.2°C (-1.04°C from normal)** and **15.8°C (+1.98°C from normal)**, respectively. Mean relative humidity of the district was around 71-84%.

Forecasted period: Today(8.30IST) to 03rd January (8.30IST)2024

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be 28-29°C and night temperature will be 16-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-89% and 28-34% 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	29/12/2023	30/12/2023	31/12/2023	01/01/2024	02/01/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	29	29	29	29
T-Min(°C)	16	16	17	17	18
Cloud Cover(octa)	1	0	0	0	0
RH Max (%)	86	81	78	82	89
RH Min (%)	29	28	30	31	34
Wind Speed(Kmph)	8	7	6	6	7
Wind Direction(deg)	338	68	293	293	158

Agromet Advisory

General Advisory: As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables. As Dense Fog very likely in isolated pockets Cuttack district during next days, monitor the standing crops for incidence and spread of pest diseases; potato, tomato and onion crops for early/late blight disease. If symptoms are noticed, undertake appropriate plant protection measures.

PULSES:

Foggy and cool 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.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid and stink bug** infestation in early sown mustard crop. To manage aphids and stink bug chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage **Mustard sawfly** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. **There may be chances of white rust disease in Mustard due to decrease in temperature, to control spray Metalaxyl 2g/liter of water.**

VEGETABLES:

Potato: Go for hoeing and hand weeding at 21 DAS and earthing up. After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly. Apply chlorpyrifos @ 2.5 ml/l of water against the attack of **cut worm and leaf eating insect**.

Tomato: To avoid **late blight** precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants. There may be chances of **leaf curl virus in tomato**. To manage, spray Thiamethoxam 25 WG @ 200 g/ac or Imidacloprid 17.8 SL @ 200 ml/ac.

Brinjal and Chilly: Shoot and fruit borer and leaf eating Caterpillar may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Cabbage and Cauliflower:

Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit of water per acre crop. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.

Animal husbandry:

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

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-466

Date- 29/12/2023

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.2°C (-1.04°C from normal)** and **15.8°C (+1.98°C from normal)**, respectively. Mean relative humidity of the district was around 71-84%.

Forecasted period: Today(8.30IST) to 03rd January (8.30IST)2024

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be **28-30°C** and night temperature will be **16-17°C** for upcoming 5 days. Maximum and minimum relative humidity will be 73-85% and 26-30% 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	29/12/2023	30/12/2023	31/12/2023	01/01/2024	02/01/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	28	29	30	30
T-Min(°C)	16	16	17	17	17
Cloud Cover(octa)	1	0	0	0	0
RH Max (%)	83	76	73	75	85
RH Min (%)	27	26	28	28	30
Wind Speed (Kmph)	8	7	7	6	7
Wind Direction (deg)	360	15	288	68	162

Agromet Advisory

General Advisory: As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables. As Dense Fog very likely in isolated pockets Cuttack district during next days, monitor the standing crops for incidence and spread of pest diseases; potato, tomato and onion crops for early/late blight disease. If symptoms are noticed, undertake appropriate plant protection measures.

PULSES:

Foggy and cool 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.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid and stink bug** infestation in early sown mustard crop. To manage aphids and stink bug chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage **Mustard sawfly** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. **There may be chances of white rust disease in Mustard due to decrease in temperature, to control spray Metalaxyl 2g/liter of water.**

VEGETABLES:

Potato: Go for hoeing and hand weeding at 21 DAS and earthing up. After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly. Apply chlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect**.

Tomato: To avoid **late blight** precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants. There may be chances of **leaf curl virus in tomato**. To manage, spray Thiamethoxam 25 WG @ 200 g/ac or Imidacloprid 17.8 SL @ 200 ml/ac.

Brinjal and Chilly: Shoot and fruit borer and leaf eating Caterpillar may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Cabbage and Cauliflower:

Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit of water per acre crop. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.

Animal husbandry:

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

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-466
Date- 29/12/2023

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.2°C (-1.04°C from normal)** and **15.8°C (+1.98°C from normal)**, respectively. Mean relative humidity of the district was around 71-84%.

Forecasted period: Today(8.30IST) to 03rd January (8.30IST)2024

Weather advisory::Dry weather is forecasted for next 5 days in the block. The day temperature will be **28-30°C** and night temperature will be **16-17°C** for upcoming 5 days. Maximum and minimum relative humidity will be 73-86% and 26-29% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Salepur(VAID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/12/2023	30/12/2023	31/12/2023	01/01/2024	02/01/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	28	29	30	30
T-Min(°C)	16	16	17	17	17
Cloud Cover(octa)	1	0	0	0	0
RH Max (%)	84	76	73	76	86
RH Min (%)	27	26	28	28	29
Wind Speed (Kmph)	8	7	6	6	7
Wind Direction (deg)	360	15	288	252	162

Agromet Advisory

General Advisory: As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables. As Dense Fog very likely in isolated pockets Cuttack district during next days, monitor the standing crops for incidence and spread of pest diseases; potato, tomato and onion crops for early/late blight disease. If symptoms are noticed, undertake appropriate plant protection measures.

PULSES:

Foggy and cool 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.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid and stink bug** infestation in early sown mustard crop. To manage aphids and stink bug chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage **Mustard sawfly** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. **There may be chances of white rust disease in Mustard due to decrease in temperature, to control spray Metalaxyl 2g/liter of water.**

VEGETABLES:

Potato: Go for hoeing and hand weeding at 21 DAS and earthing up and After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly. Apply chlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect**.

Tomato: To avoid **late blight** precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants. There may be chances of **leaf curl virus in tomato**. To manage, spray Thiamethoxam 25 WG @ 200 g/ac or Imidacloprid 17.8 SL @ 200 ml/ac.

Brinjal and Chilly: Shoot and fruit borer and leaf eating Caterpillar may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Cabbage and Cauliflower:

Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit of water per acre crop. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.

Animal husbandry:

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

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-466

Date- 29/12/2023

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.2°C (-1.04°C from normal)** and **15.8°C (+1.98°C from normal)**, respectively. Mean relative humidity of the district was around 71-84%.

Forecasted period: Today(8.30IST) to 03rd January (8.30IST)2024

Weather advisory::Dry weather is forecasted for next 5 days in the block. The day temperature will be **28-30°C** and night temperature will be **18-20°C** for upcoming 5 days. Maximum and minimum relative humidity will be 74-85% and 33-40% 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	29/12/2023	30/12/2023	31/12/2023	01/01/2024	02/01/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	29	29	29	30
T-Min(°C)	18	19	19	20	20
Cloud Cover(octa)	1	0	0	0	0
RH Max (%)	79	77	74	76	85
RH Min (%)	38	33	36	38	40
Wind Speed (Kmph)	10	9	8	8	9
Wind Direction (deg)	105	300	108	293	161

Agromet Advisory

General Advisory: As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables. As Dense Fog very likely in isolated pockets Cuttack district during next days, monitor the standing crops for incidence and spread of pest diseases; potato, tomato and onion crops for early/late blight disease. If symptoms are noticed, undertake appropriate plant protection measures.

PULSES:

Foggy and cool 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.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid and stink bug** infestation in early sown mustard crop. To manage aphids and stink bug chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage **Mustard sawfly** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. **There may be chances of white rust disease in Mustard due to decrease in temperature, to control spray Metalaxyl 2g/liter of water.**

VEGETABLES:

Potato: Go for hoeing and hand weeding at 21 DAS and earthing up and After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly. Apply chlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect**.

Tomato: To avoid **late blight** precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water .Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants. There may be chances of **leaf curl virus in tomato**. To manage, spray Thiamethoxam 25 WG @ 200 g/ac or Imidacloprid 17.8 SL @ 200 ml/ac.

Brinjal and Chilly: Shoot and fruit borer and leaf eating Caterpillar may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Cabbage and Cauliflower:

Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm@600ml/acre and Emamectin benzoate@70g/acre in 200 lit water. **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectinbenzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit of water per acre crop. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l..

Animal husbandry:

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

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-466
Date- 29/12/2023

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **27.2°C (-1.04°C from normal)** and **15.8°C (+1.98°C from normal)**, respectively. Mean relative humidity of the district was around 71-84%.

Forecasted period: Today(8.30IST) to 03rd January (8.30IST)2024

Weather advisory: Dry weather is forecasted for next 5 days in the block. The day temperature will be **28-30°C** and night temperature will be **15-16°C** for upcoming 5 days. Maximum and minimum relative humidity will be 81-90% and 26-29% 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	29/12/2023	30/12/2023	31/12/2023	01/01/2024	02/01/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	28	29	30	30
T-Min(°C)	15	15	15	16	16
Cloud Cover(octa)	2	0	0	0	0
RH Max (%)	90	82	82	81	84
RH Min (%)	29	26	26	26	26
Wind Speed (Kmph)	6	5	5	4	6
Wind Direction (deg)	60	60	180	195	163

Agro met Advisory

General Advisory: As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables. As Dense Fog very likely in isolated pockets Cuttack district during next days, monitor the standing crops for incidence and spread of pest diseases; potato, tomato and onion crops for early/late blight disease. If symptoms are noticed, undertake appropriate plant protection measures.

PULSES:

Foggy and cool 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.

Rabi-Groundnut:

The early sown rabi groundnut crop is at 3 week stage. To manage **leaf miner** spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. To manage chemically spray Profenophos 50% EC @ 400 ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 -litre of water.

Mustard:

The mustard is at 15 to 20 days stage. Go for hoeing and weeding. Thin out the plants and maintain optimum plant population. There are chances of **Aphid and stink bug** infestation in early sown mustard crop. To manage aphids and stink bug chemically spray Thiamethoxam 25 % WG @ 40-gram/acre in 200-liter of water. To manage **Mustard sawfly** spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. **There may be chances of white rust disease in Mustard due to decrease in temperature, to control spray Metalaxyl 2g/liter of water.**

VEGETABLES:

Potato: Go for hoeing and hand weeding at 21 DAS and earthing up. After 3 weeks of first earthing up go for hoeing and hand weeding and apply fertilizers and earthing up should be done to cover up the tubers properly. Apply chlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect**.

Tomato: To avoid **late blight** precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants. There may be chances of **leaf curl virus in tomato**. To manage, spray Thiamethoxam 25 WG @ 200 g/ac or Imidacloprid 17.8 SL @ 200 ml/ac.

Brinjal and Chilly: Shoot and fruit borer and leaf eating Caterpillar may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

Cabbage and Cauliflower:

Current weather is favourable for attack of **Cabbage webber** and **tobacco caterpillar** in cole crops. To control these insects, go for alternate spray of Neem based formulation 1500ppm @ 600ml/acre and Emamectin benzoate @ 70g/acre in 200 lit water. **Leaf eating caterpillar and fruit borer** may infest cabbage, cauliflower and tomato. Spray fipronil 5% SL 400ml or emamectin benzoate 5% SG 80gm or indoxacarb 14.5% SC mixing in 200lit of water per acre crop. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.

Animal husbandry:

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

DrRanjan Kumar Mohanta
(Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
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Bulletin No.-466
 Date- 29/12/2023

				
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	