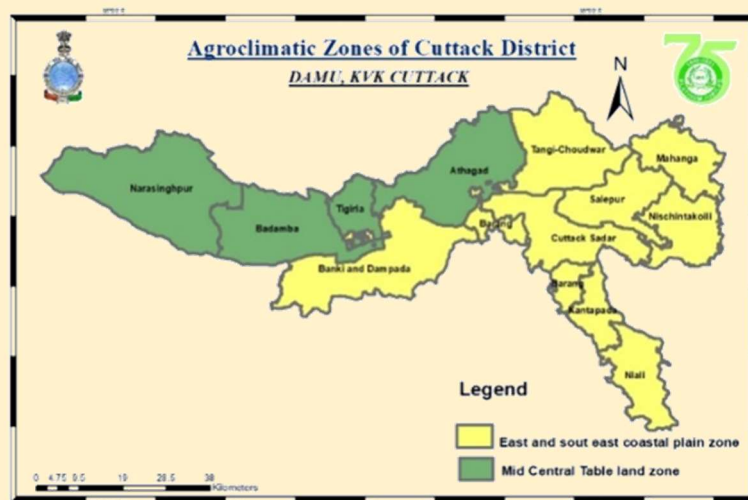




Cuttack District Block Wise Agro-met Advisory Service Bulletin

Tuesday, 26th December, 2023
(For the period 26th to 30th December, 2023)



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





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Bulletin No.-465
Date- 26/12/2023

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">NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 50 (10.12.2023 to 16.12.2023) over Agricultural region</p> <p align="center">Odisha</p> <p align="center">Agriculture vigour is good at few places of the state.</p>
<p>As per SPI value (cumulative 4weeks -28 September to 25 October2023), Mildly dry condition was there in Cuttack district.</p>	<p>According to NDVI map (10.12.2023 to 16.12.2023) the agriculture vigor was very 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)



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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Date- 26/12/2023

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
5	Potato	Sprouting/Vegetative stage		Cut worm and leaf eating insect
	Cole crops (Cauliflower and cabbage)			Leaf eating caterpillar
6				Aphid







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		Vegetative to fruiting		Fruit borer
				Diamond back moth

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Bulletin No.-465
Date- 26/12/2023

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 0mm & district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **26.2°C (-2.27°C from normal)** and **14.42°C (+0.34°C from normal)**, respectively. Mean relative humidity of the district was around 70-80%.

Forecasted period: Today (8.30 IST) to 31st December (8.30 IST) 2023

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 **15-16°C** for upcoming 5 days. Maximum and minimum relative humidity will be 83-93% and 27-34% 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	26/12/2023	27/12/2023	28/12/2023	29/12/2023	30/12/2023
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	29	29	29	29	28
T-Min (°C)	16	16	16	15	15
Cloud Cover (octa)	0	0	0	0	0
RH Max (%)	93	86	84	83	83
RH Min (%)	34	30	30	28	27
Wind Speed (kmph)	5	4	6	6	5
Wind Direction (deg)	135	150	158	68	75

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:

Onion: The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**

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.** **To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.**

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.

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:

Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.

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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Bulletin No.-465
Date- 26/12/2023

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AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **26.2°C (-2.27°Cfrom normal)** and **14.42°C (+0.34°C from normal)**, respectively. Mean relative humidity of the district was around 70-80%.

Forecasted period: Today(8.30IST) to 31st December(8.30IST)2023

Weatheradvisory: *Dry weather is forecasted for next 5 days in the block.* The day temperature will be **28-29°C**and night temperature will be **14-16°C**for upcoming 5 days. Maximum and minimum relative humidity will be 81-93% and 26-32% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Badamba(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	26/12/2023	27/12/2023	28/12/2023	29/12/2023	30/12/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	28	29	28
T-Min(°C)	16	14	14	14	14
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	93	86	85	82	81
RH Min (%)	32	30	30	27	26
Wind Speed (Kmph)	4	4	6	5	5
Wind Direction (deg)	113	160	161	113	117

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:

Onion: The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**

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.** **To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.**

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.

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:

Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.

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.-465
Date- 26/12/2023

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 **26.2°C (-2.27°C from normal)** and **14.42°C (+0.34°C from normal)**, respectively. Mean relative humidity of the district was around 70-80%.

Forecasted period: Today(8.30IST) to 31st December(8.30IST)2023

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 **15-16°C** for upcoming 5 days. Maximum and minimum relative humidity will be 83-92% and 27-33% 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	26/12/2023	27/12/2023	28/12/2023	29/12/2023	30/12/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	28	29	29
T-Min(°C)	16	15	15	15	15
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	92	86	84	83	83
RH Min (%)	33	30	30	27	27
Wind Speed (Kmph)	5	4	6	6	5
Wind Direction (deg)	158	160	161	60	68

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:

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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:

Onion: The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**

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.** **To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.**

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.

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:

Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.

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.-465

Date- 26/12/2023

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 26.2°C (-2.27°C from normal) and 14.42°C (+0.34°C from normal), respectively. Mean relative humidity of the district was around 70-80%.

Forecasted period: Today(8.30IST) to 31st December(8.30IST)2023

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 15-16°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-92% and 27-33% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	26/12/2023	27/12/2023	28/12/2023	29/12/2023	30/12/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	28	29	29
T-Min(°C)	16	15	15	15	15
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	92	86	84	82	83
RH Min (%)	33	30	30	27	27
Wind Speed (Kmph)	5	4	6	6	5
Wind Direction (deg)	158	160	161	60	68

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:

Onion: The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.

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. To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.

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.

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:

Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l. There is a chance of occurrence of thrip, mites and Aphids in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.

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.-465
Date- 26/12/2023

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 26.2°C (-2.27°C from normal) and 14.42°C (+0.34°C from normal), respectively. Mean relative humidity of the district was around 70-80%.

Forecasted period: Today(8.30IST) to 31st December(8.30IST)2023

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 16-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-88% and 28-35% 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	26/12/2023	27/12/2023	28/12/2023	29/12/2023	30/12/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	29	28
T-Min(°C)	17	16	16	16	16
Cloud Cover	0	0	0	0	0
RH Max (%)	88	82	78	78	80
RH Min (%)	35	30	30	29	28
Wind Speed (Kmph)	6	5	7	7	7
Wind Direction (deg)	158	135	135	68	68

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:

Onion: The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.

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. To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.

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.

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:

Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l. There is a chance of occurrence of thrip, mites and Aphids in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.

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



Bulletin No.-465
Date- 26/12/2023

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 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **26.2°C (-2.27°C from normal)** and **14.42°C (+0.34°C from normal)**, respectively. Mean relative humidity of the district was around 70-80%.

Forecasted period: Today(8.30IST) to 31st December(8.30IST)2023

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 **16-17°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	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	26/12/2023	27/12/2023	28/12/2023	29/12/2023	30/12/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	29	28
T-Min(°C)	17	16	16	16	16
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	89	83	79	78	80
RH Min (%)	34	30	29	29	28
Wind Speed (Kmph)	5	4	6	7	6
Wind Direction (deg)	75	158	135	68	338

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:

Onion: The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**

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.** **To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.**

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.

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:

Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.

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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Bulletin No.-465

Date- 26/12/2023

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **26.2°C (-2.27°Cfrom normal)** and **14.42°C (+0.34°C from normal)**, respectively. Mean relative humidity of the district was around 70-80%.

Forecasted period: Today(8.30IST) to 31st December(8.30IST)2023

Weatheradvisory: *Dry weather is forecasted for next 5 days in the block.* The day temperature will be 28-29°C and night temperature will be 16-17°Cfor upcoming 5 days. Maximum and minimum relative humidity will be 76-87% and 29-37% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Kantapada(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	26/12/2023	27/12/2023	28/12/2023	29/12/2023	30/12/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	28	29	28
T-Min(°C)	17	17	16	16	16
Cloud Cover(octa)	0	0	0	0	1
RH Max (%)	87	79	77	76	78
RH Min (%)	37	33	31	30	29
Wind Speed (Kmph)	6	6	7	8	7
Wind Direction (deg)	153	146	135	60	68

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 Chlorpyriphos 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 Chlorpyriphos 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:

Onion: The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**

Potato: Go for hoeing and hand weeding at 21 DAS and earthingupnd 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. Applychlorpyriphos @ 2.5 ml/lt of water against the attack of **cut worm and leaf eating insect.** **To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.**

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.

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

Cabbage and Cauliflower:

Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. There is a chance of occurrence of **thrip, mitesandAphidsin** Brinjal, Tomato, Chilli, colecrops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.

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.-465
Date- 26/12/2023

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 0mm&district received average 0 mmrainfall during the last week. The mean daily maximum and minimum temperature was **26.2°C (-2.27°Cfrom normal)** and **14.42°C (+0.34°C from normal)**, respectively. Mean relative humidity of the district was around 70-80%.

Forecasted period: Today(8.30IST) to 31st December(8.30IST)2023

Weatheradvisory::Dry weather is forecasted for next 5 days in the block. The day temperature will be and it will be **28-29°C** and night temperature will be **16-17°C**for upcoming 5 days. Maximum and minimum relative humidity will 70-84% and 29-35% respectively. **There will be clear to partly cloudy skyfor next 5days.**

Block	Mahanga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	26/12/2023	27/12/2023	28/12/2023	29/12/2023	30/12/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	29	28
T-Min(°C)	17	17	16	16	16
Cloud Cover(octal)	0	0	0	0	0
RH Max (%)	84	75	73	70	73
RH Min (%)	35	32	30	30	29
Wind Speed (Kmph)	6	5	7	8	7
Wind Direction (deg)	75	360	113	75	297

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:

Onion: The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**

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.** **To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.**

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.

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:

Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.

- **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.-465
Date- 26/12/2023

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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 **26.2°C (-2.27°Cfrom normal)** and **14.42°C (+0.34°C from normal)**, respectively. Mean relative humidity of the district was around 70-80%.

Forecasted period: Today(8.30IST) to 31st December(8.30IST)2023

Weatheradvisory: *Dry weather is forecasted for next 5 days in the block.* The day temperaturewill be **28-29°C** and night temperature will be **13-14°C**for upcoming 5 days. Maximum and minimum relative humidity will be 81-95% and 26-31% respectively. **There will be clear to partly cloudy**skyfor next 5days.

Block	Narasinghpur(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	26/12/2023	27/12/2023	28/12/2023	29/12/2023	30/12/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	28	28	28
T-Min(°C)	14	13	13	13	13
Cloud Cover(/octa)	0	0	0	0	0
RH Max (%)	95	86	86	83	81
RH Min (%)	30	31	30	27	26
Wind Speed (Kmph)	4	3	4	4	4
Wind Direction (deg)	90	162	160	108	124

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:

Onion: The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**

Potato: Go for hoeing and hand weeding at 21 DAS and earthingupnd 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. Applychlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect.** **To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.**

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.

Brinjal and Chilly:Shoot and fruit borerandleaf eating Caterpillarmay observe in brinjal field, to control it spray Enamectin 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:

Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.There is a chance of occurrence of **thrip, mitesandAphidsin**Brinjal, Tomato, Chilli,colecrops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.

- **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.-465
Date- 26/12/2023

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 **26.2°C (-2.27°Cfrom normal)** and **14.42°C (+0.34°C from normal)**, respectively. Mean relative humidity of the district was around 70-80%.

Forecasted period: Today(8.30IST) to 31st December(8.30IST)2023

Weatheradvisory:*Dry weather is forecasted for next 5 days in the block.* The day temperature will be **28-29°C** and night temperature will be**16-17°C**for upcoming 5 days. Maximum and *minimum* relative humidity will be 78-86% and 31-41% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Niali(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	26/12/2023	27/12/2023	28/12/2023	29/12/2023	30/12/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	28	28	29	28
T-Min(°C)	17	17	16	16	16
Cloud Cover(octa)	0	0	0	0	1
RH Max (%)	86	79	78	78	79
RH Min (%)	41	35	34	32	31
Wind Speed(Kmph)	7	6	8	8	7
Wind Direction(deg)	135	154	135	150	113

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:

Onion:The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers areadvised to go for irrigation in the moisture sensitive stage.**

Potato:Go for hoeing and hand weeding at 21 DAS and earthingupnd 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.Applychlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect.****To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.**

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.

Brinjal and Chilly:**Shoot and fruit borerandleaf eating Caterpillarmay observe in brinjal field, to control it spray Enamectin 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:

Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.There is a chance of occurrence of **thrip, mitesandAphidsinBrinjal, Tomato, Chilli,colecrops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.**

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

(A Unit of ICAR-National Rice Research Institute)

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

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI



Bulletin No.-465

Date- 26/12/2023

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 26.2°C (-2.27°C from normal) and 14.42°C (+0.34°C from normal), respectively. Mean relative humidity of the district was around 70-80%.

Forecasted period: Today(8.30IST) to 31st December(8.30IST)2023

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 16-17°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-84% and 29-35% 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	26/12/2023	27/12/2023	28/12/2023	29/12/2023	30/12/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	29	28
T-Min(°C)	17	17	17	16	16
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	84	75	73	72	73
RH Min (%)	35	32	30	30	29
Wind Speed (Kmph)	6	5	7	8	7
Wind Direction (deg)	75	165	117	68	315

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:

Onion: The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**

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. **To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.**

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.

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:

Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l. There is a chance of occurrence of thrip, mites and Aphids in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.

- 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.-465
Date- 26/12/2023

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 **26.2°C (-2.27°Cfrom normal)** and **14.42°C (+0.34°C from normal)**, respectively. Mean relative humidity of the district was around 70-80%.

Forecasted period: Today(8.30IST) to 31st December(8.30IST)2023

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 **16-17°C**for upcoming 5 days. Maximum and minimum relative humidity will be 72-85% and 29-35% respectively. **There will be clear to partly cloudy**for next 5days.

Block	Salepur(VAID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	26/12/2023	27/12/2023	28/12/2023	29/12/2023	30/12/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	29	28
T-Min(°C)	17	17	17	16	16
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	85	76	73	72	74
RH Min (%)	35	31	30	30	29
Wind Speed (Kmph)	6	5	7	8	7
Wind Direction (deg)	75	345	135	68	360

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:

Onion: The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**

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.** **To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.**

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.

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:

Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.

- 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.-465

Date- 26/12/2023

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 26.2°C (-2.27°Cfrom normal) and 14.42°C (+0.34°C from normal), respectively. Mean relative humidity of the district was around 70-80%.

Forecasted period: Today(8.30IST) to 31st December(8.30IST)2023

Weatheradvisory::Dry weather is forecasted for next 5 days in the block. The day temperature will be 28-29°C and night temperature will be 19-20°Cfor upcoming 5 days. Maximum and minimum relative humidity will be72-82% and 37-47% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Tangi-Choudwar(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	26/12/2023	27/12/2023	28/12/2023	29/12/2023	30/12/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	28	29	29	29	29
T-Min(°C)	20	20	19	19	19
Cloud Cover(octa)	0	0	0	0	1
RH Max (%)	82	73	74	75	72
RH Min (%)	47	41	39	40	37
Wind Speed (Kmph)	8	8	9	10	9
Wind Direction (deg)	113	158	338	338	109

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 Chlorpyriphos 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 Chlorpyriphos 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:

Onion: The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**

Potato: Go for hoeing and hand weeding at 21 DAS and earthingupnd 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. Applychlorpyriphos @ 2.5 ml/lit of water against the attack of cut worm and leaf eating insect. **To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.**

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.

Brinjal and Chilly: Shoot and fruit borerandleaf eating Caterpillarmay observe in brinjal field, to control it spray Enamectin 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:

Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l. There is a chance of occurrence of thrip, mitesandAphidsinBrinjal, Tomato, Chilli,colecrops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.

- **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.-465
Date- 26/12/2023

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 **26.2°C (-2.27°Cfrom normal)** and **14.42°C (+0.34°C from normal)**, respectively. Mean relative humidity of the district was around 70-80%.

Forecasted period: Today(8.30IST) to 31st December (8.30IST)2023

Weatheradvisory:;Dry weather is forecasted for next 5 days in the block.Thedaytemperature will be **29°C** and night temperature will be **15-16°C**for upcoming 5 days. Maximum and minimum relative humidity will be 83-94% and 27-33% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Tigiria(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	26/12/2023	27/12/2023	28/12/2023	29/12/2023	30/12/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	29	29	29	29	29
T-Min(°C)	16	15	15	15	15
Cloud Cover(octa)	0	0	0	0	0
RH Max (%)	94	86	85	83	83
RH Min (%)	33	30	30	28	27
Wind Speed (Kmph)	4	3	6	5	5
Wind Direction (deg)	75	150	161	68	75

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:

Onion:The onion seedlings in nursery are five to seven week stage. Prepare the field for transplanting onion seedlings at eight week stage. **As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers areadvised to go for irrigation in the moisture sensitive stage.**

Potato:Go for hoeing and hand weeding at 21 DAS and earthingupnd 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.Applychlorpyrifos @ 2.5 ml/lit of water against the attack of **cut worm and leaf eating insect.** **To maintain the soil temperature below 30°C for better tuber growth, farmers are advised to irrigate the field.**

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.

Brinjal and Chilly:Shoot and fruit borerandleaf eating Caterpillarmay observe in brinjal field, to control it spray Enamectin 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:

Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.There is a chance of occurrence of **thrip, mitesandAphidsin**Brinjal, Tomato, Chilli,colecrops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.

- **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.-465
Date- 26/12/2023

				
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	