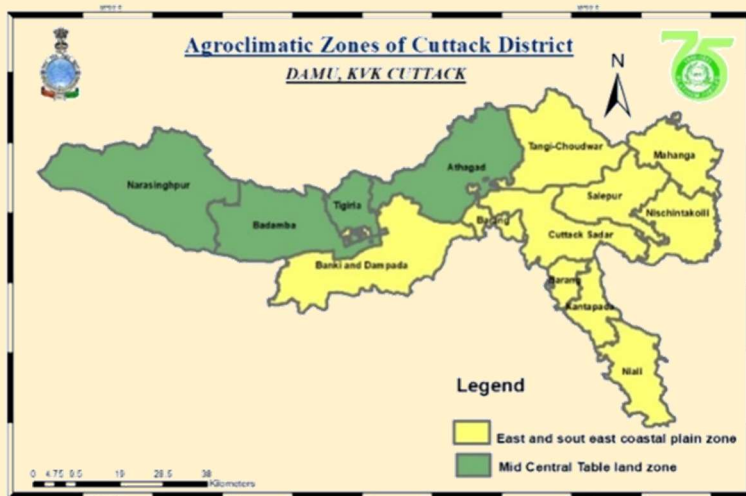




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Tuesday, 13th December, 2022
(For the period 13th to 17th December,
2022)*



*Issued by
District Agromet Unit,
KrishiVigyan Kendra Cuttack*





GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
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Bulletin No.-356
Date- 13/12/2022

STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p align="center">Standardised Precipitation Index for the period 10th November 2022 to 7th December 2022</p>	<p align="center">NOAA/VIRS/BLENDED NDVI Composite ending on Week no 49 (03.12.2022 to 09.12.2022) over Agricultural region</p> <p align="center">Odisha</p> <p align="center">Agriculture vigour is good over isolated places of the state and moderate over rest of the state.</p>
<p><i>As per SPI value (cumulative 4weeks -10 November2022 – 07December2022), milddrycondition was there in Cuttack district.</i></p>	<p><i>According to NDVI map (03.12.2022 to 09.12.2022) the agriculture vigor was light to moderate over maximum block of Cuttack district.</i></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

Dr Sujata Sethy
(Nodal officer)



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Debasish Jena
SMS (Agrometeorology)
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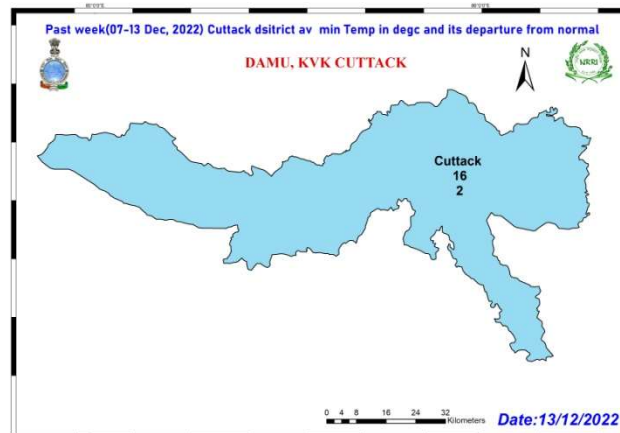
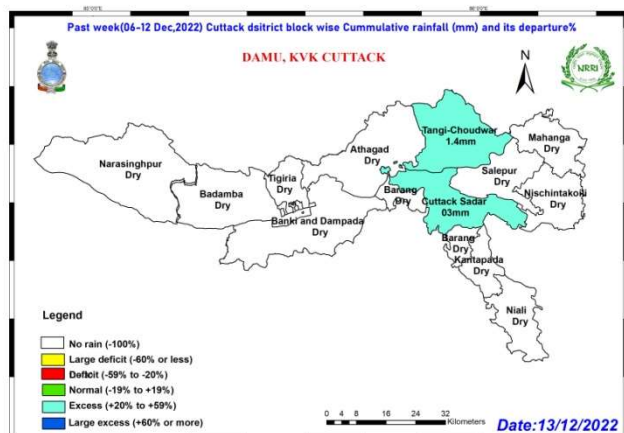


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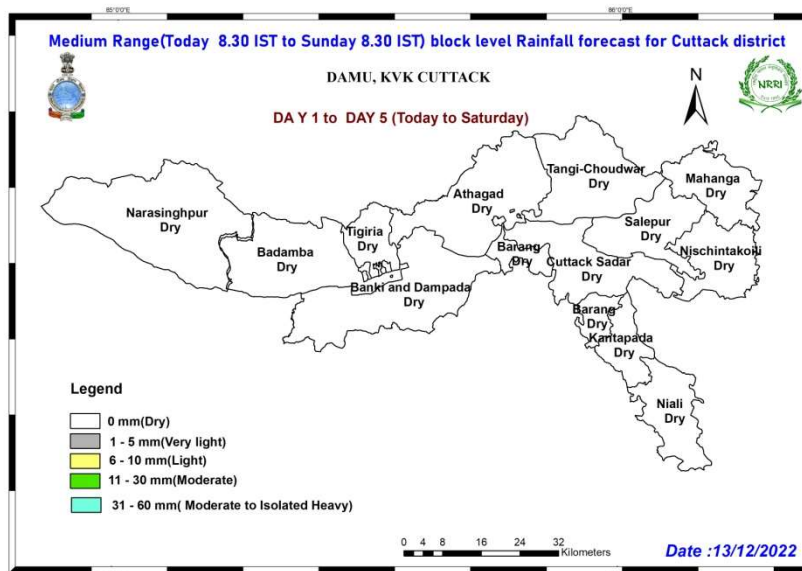


Bulletin No.-356
Date- 13/12/2022

Past week (06-12 Dec, 2022) cumulative rainfall departure% from normal and (07-13 Dec, 2022) average minimum temperature and its departure from normal for Cuttack district



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



Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-356
Date- 13/12/2022

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (18-24 December 2022)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	121.73	Above Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	1.19	Normal
	Minimum temperature	1.24	Normal

General Agromet Advisory:- There will be above normal rainfall (Very light to light rainfall) is forecasted in subsequent week after 5 days in Odisha condition, so farmers are advised to complete their sowing of rabi pulses and oilseeds in the subsequent week and are advised to harvest the mature paddy which are at 85% physiological maturity stage before the subsequent week.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-356
Date- 13/12/2022

Weather (Past and Forecasted) based Disease and pest in Major Crops and vegetables

Sl No	Crop	Stage and condition of the crop	Anticipated Disease and pest	
1	Mustard	Vegetative stage		Aphid
				Saw fly
2	Rabi Groundnut	Vegetative stage		Leaf Miner
3	Vegetables (Tomato, Chilli, Brinjal)	Vegetative to fruiting		Thrips
				Mites
		Fruiting		Fruit and shoot borer
4	Tomato			Late blight
4	Potato	Sprouting/Vegetative stage		Cut worm and leaf eating insect
	Cole crops (Cauliflower and cabbage)	Vegetative to fruiting		Leaf eating caterpillar
5				Aphid
				Fruit borer
				Diamond back moth

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Bulletin No.-356
Date- 13/12/2022

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 0mm and district received average 0.04 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.7°C (-1.43) and 16.2°C (1.61), respectively. The mean relative humidity was 70-75%.

Forecasted period: Today(8.30IST) to 18thDecember(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 30-32°C and night temperature will be 16-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-88% and 28-32% 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	13/12/2022	14/12/2022	15/12/2022	16/12/2022	17/12/2022
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	32	32	32	30	30
T-Min (°C)	20	19	19	17	16
Cloud Cover (octa)	3	1	6	8	5
RH Max (%)	88	71	75	63	67
RH Min (%)	28	31	30	32	28
Wind Speed (kmph)	7	6	5	7	7
Wind Direction (deg)	23	75	101	45	30

Agromet Advisory

General Advisory: Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dense fog was observed and also shallow to moderate fog is forecasted for next 2-3 days over isolated pockets of Cuttack district, monitor potato, tomato and onion crops for incidence of blight disease, if symptoms are noticed, undertake plant protection measures accordingly.

Kharif Rice:

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. As dry weather is forecasted for upcoming 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. Due to forecast of dry weather for optimum germination irrigate the field after sowing.

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. If the groundnut crops are at flowering stage go for irrigation at moisture sensitive stage.

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 infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-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.

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: In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-356
Date- 13/12/2022

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 0mm and district received average 0.04 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.7°C (-1.43) and 16.2°C (1.61), respectively. The mean relative humidity was 70-75%.

Forecasted period: Today(8.30IST) to 18th December(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 30-32°C and night temperature will be 15-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-84% and 27-35% 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	13/12/2022	14/12/2022	15/12/2022	16/12/2022	17/12/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	32	31	31	30
T-Min(°C)	19	19	18	17	15
Cloud Cover(octa)	3	1	6	8	5
RH Max (%)	84	80	80	72	75
RH Min (%)	27	30	31	35	29
Wind Speed (Kmph)	6	5	5	6	5
Wind Direction (deg)	23	75	124	120	68

Agromet Advisory

General Advisory: Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dense fog was observed and also shallow to moderate fog is forecasted for next 2-3 days over isolated pockets of Cuttack district, monitor potato, tomato and onion crops for incidence of blight disease, if symptoms are noticed, undertake plant protection measures accordingly.

Kharif Rice:

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. As dry weather is forecasted for upcoming 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. Due to forecast of dry weather for optimum germination irrigate the field after sowing.

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. If the groundnut crops are at flowering stage go for irrigation at moisture sensitive stage.

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 infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-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.

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 Chilli: 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: In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-356
Date- 13/12/2022

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The block received average 0mm and district received average 0.04 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.7°C (-1.43) and 16.2°C (1.61), respectively. The mean relative humidity was 70-75%.

Forecasted period: Today(8.30IST) to 18th December(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 30-32°C and night temperature will be 15-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-87% and 28-34% 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	13/12/2022	14/12/2022	15/12/2022	16/12/2022	17/12/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	30	30
T-Min(°C)	19	19	19	17	15
Cloud Cover(octa)	3	1	7	8	5
RH Max (%)	87	77	79	68	72
RH Min (%)	28	30	31	34	28
Wind Speed (Kmph)	7	6	6	6	6
Wind Direction (deg)	15	75	135	60	45

Agromet Advisory

General Advisory: Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dense fog was observed and also shallow to moderate fog is forecasted for next 2-3 days over isolated pockets of Cuttack district, monitor potato, tomato and onion crops for incidence of blight disease, if symptoms are noticed, undertake plant protection measures accordingly.

Kharif Rice:

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. As dry weather is forecasted for upcoming 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. Due to forecast of dry weather for optimum germination irrigate the field after sowing.

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. If the groundnut crops are at flowering stage go for irrigation at moisture sensitive stage.

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 infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-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.

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:

- In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-356
Date- 13/12/2022

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPADA

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

The block received average 0mm and district received average 0.04 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.7°C (-1.43) and 16.2°C (1.61), respectively. The mean relative humidity was 70-75%.

Forecasted period: Today(8.30IST) to 18th December(8.30IST)2022

Weather Advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 30-32°C and night temperature will be 15-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-86% and 28-33% respectively. There will be clear to partly cloudy sky for next 5 days.

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Date	13/12/2022	14/12/2022	15/12/2022	16/12/2022	17/12/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	30	30
T-Min(°C)	19	19	19	17	15
Cloud Cover(octa)	3	1	7	8	5
RH Max (%)	86	77	78	67	71
RH Min (%)	28	30	30	33	28
Wind Speed (Kmph)	7	6	5	6	6
Wind Direction (deg)	15	75	135	60	23

Agromet Advisory

General Advisory: Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dense fog was observed and also shallow to moderate fog is forecasted for next 2-3 days over isolated pockets of Cuttack district, monitor potato, tomato and onion crops for incidence of blight disease, if symptoms are noticed, undertake plant protection measures accordingly.

Kharif Rice:

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PULSES:

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Mustard:

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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 Chilli: 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: In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

Dr Sujata Sethy
(Nodal officer)



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INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
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Bulletin No.-356
Date- 13/12/2022

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 0mm and district received average 0.04 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.7°C (-1.43) and 16.2°C (1.61), respectively. The mean relative humidity was 70-75%.

Forecasted period: Today(8.30IST) to 18th December(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 30-32°C and night temperature will be 16-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 60-86% and 27-30% 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	13/12/2022	14/12/2022	15/12/2022	16/12/2022	17/12/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	30	30
T-Min(°C)	20	19	20	18	16
Cloud Cover	3	1	7	8	5
RH Max (%)	86	63	73	60	65
RH Min (%)	29	30	28	30	27
Wind Speed (Kmph)	7	7	6	9	9
Wind Direction (deg)	15	293	105	45	23

Agromet Advisory

General Advisory: Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dense fog was observed and also shallow to moderate fog is forecasted for next 2-3 days over isolated pockets of Cuttack district, monitor potato, tomato and onion crops for incidence of blight disease, if symptoms are noticed, undertake plant protection measures accordingly.

Kharif Rice:

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. As dry weather is forecasted for upcoming 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. Due to forecast of dry weather for optimum germination irrigate the field after sowing.

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. If the groundnut crops are at flowering stage go for irrigation at moisture sensitive stage.

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 infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-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.

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:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-356
Date- 13/12/2022

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 0.4mm and district received average 0.04 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.7°C (-1.43) and 16.2°C (1.61), respectively. The mean relative humidity was 70-75%.

Forecasted period: Today(8.30IST) to 18th December(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 30-32°C and night temperature will be 16-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-86% and 27-30% 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	13/12/2022	14/12/2022	15/12/2022	16/12/2022	17/12/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	31	30	30
T-Min(°C)	20	19	19	18	16
Cloud Cover(octa)	3	1	6	8	5
RH Max (%)	86	60	70	58	62
RH Min (%)	29	30	28	29	27
Wind Speed (Kmph)	7	7	6	8	8
Wind Direction (deg)	15	68	105	45	30

Agromet Advisory

General Advisory: Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dense fog was observed and also shallow to moderate fog is forecasted for next 2-3 days over isolated pockets of Cuttack district, monitor potato, tomato and onion crops for incidence of blight disease, if symptoms are noticed, undertake plant protection measures accordingly.

Kharif Rice:

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. As dry weather is forecasted for upcoming 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. Due to forecast of dry weather for optimum germination irrigate the field after sowing.

Sugarcane:

Harvest early duration (10 month old) and medium duration (12 month old) matured sugarcane plants. After harvest store them in dry and shaded place.

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. If the groundnut crops are at flowering stage go for irrigation at moisture sensitive stage.

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 infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-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.

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: In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-356
Date- 13/12/2022

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 0mm and district received average 0.04 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.7°C (-1.43) and 16.2°C (1.61), respectively. The mean relative humidity was 70-75%.

Forecasted period: Today(8.30IST) to 18th December(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-32°C and night temperature will be 16-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-84% and 27-31% 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	13/12/2022	14/12/2022	15/12/2022	16/12/2022	17/12/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	31	30	29
T-Min(°C)	20	20	20	18	16
Cloud Cover(octa)	2	1	7	8	5
RH Max (%)	84	62	74	63	66
RH Min (%)	31	30	28	30	27
Wind Speed (Kmph)	7	7	6	10	10
Wind Direction (deg)	15	105	109	23	23

Agromet Advisory

General Advisory: Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dense fog was observed and also shallow to moderate fog is forecasted for next 2-3 days over isolated pockets of Cuttack district, monitor potato, tomato and onion crops for incidence of blight disease, if symptoms are noticed, undertake plant protection measures accordingly.

Kharif Rice:

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. As dry weather is forecasted for upcoming 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. Due to forecast of dry weather for optimum germination irrigate the field after sowing.

Sugarcane:

Harvest early duration (10 month old) and medium duration (12 month old) matured sugarcane plants. After harvest store them in dry and shaded place.

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. If the groundnut crops are at flowering stage go for irrigation at moisture sensitive stage.

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 infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-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.

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: In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-356
Date- 13/12/2022

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 0mm and district received average 0.04 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.7°C (-1.43) and 16.2°C (1.61), respectively. The mean relative humidity was 70-75%.

Forecasted period: Today(8.30IST) to 18th December(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be and it will be 29-31°C and night temperature will be 16-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 49-81% and 27-30% 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	13/12/2022	14/12/2022	15/12/2022	16/12/2022	17/12/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	31	29	29
T-Min(°C)	20	19	19	17	16
Cloud Cover(octal)	3	1	6	8	5
RH Max (%)	81	49	62	53	55
RH Min (%)	30	27	28	28	27
Wind Speed (Kmph)	8	8	7	9	9
Wind Direction (deg)	15	105	45	23	45

Agromet Advisory

General Advisory: Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dense fog was observed and also shallow to moderate fog is forecasted for next 2-3 days over isolated pockets of Cuttack district, monitor potato, tomato and onion crops for incidence of blight disease, if symptoms are noticed, undertake plant protection measures accordingly.

Kharif Rice:

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. As dry weather is forecasted for upcoming 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. Due to forecast of dry weather for optimum germination irrigate the field after sowing.

Sugarcane:

Harvest early duration (10 month old) and medium duration (12 month old) matured sugarcane plants. After harvest store them in dry and shaded place.

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. If the groundnut crops are at flowering stage go for irrigation at moisture sensitive stage.

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 infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-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.

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: In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-356
Date- 13/12/2022

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 0mm and district received average 0.04 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.7°C (-1.43) and 16.2°C (1.61), respectively. The mean relative humidity was 70-75%.

Forecasted period: Today(8.30IST) to 18th December(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 31-32°C and night temperature will be 14-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-84% and 26-34% 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	13/12/2022	14/12/2022	15/12/2022	16/12/2022	17/12/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	32	32	31	31
T-Min(°C)	17	18	17	16	14
Cloud Cover(octa)	3	1	5	7	5
RH Max (%)	83	82	83	81	84
RH Min (%)	26	29	31	34	29
Wind Speed (Kmph)	5	4	4	5	4
Wind Direction (deg)	18	203	135	117	45

Agromet Advisory

General Advisory: Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dense fog was observed and also shallow to moderate fog is forecasted for next 2-3 days over isolated pockets of Cuttack district, monitor potato, tomato and onion crops for incidence of blight disease, if symptoms are noticed, undertake plant protection measures accordingly.

Kharif Rice:

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. As dry weather is forecasted for upcoming 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. Due to forecast of dry weather for optimum germination irrigate the field after sowing.

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. If the groundnut crops are at flowering stage go for irrigation at moisture sensitive stage.

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 infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-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.

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 Chilli: 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:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-356
Date- 13/12/2022

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 0mm and district received average 0.04 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.7°C (-1.43) and 16.2°C (1.61), respectively. The mean relative humidity was 70-75%.

Forecasted period: Today(8.30IST) to 18th December(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-32°C and night temperature will be 16-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-85% 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	13/12/2022	14/12/2022	15/12/2022	16/12/2022	17/12/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	31	30	29
T-Min(°C)	20	20	20	18	16
Cloud Cover(octa)	2	2	7	8	5
RH Max (%)	85	65	77	66	66
RH Min (%)	34	31	29	32	28
Wind Speed(Kmph)	7	7	7	10	11
Wind Direction(deg)	300	90	109	30	23

Agromet Advisory

General Advisory: Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dense fog was observed and also shallow to moderate fog is forecasted for next 2-3 days over isolated pockets of Cuttack district, monitor potato, tomato and onion crops for incidence of blight disease, if symptoms are noticed, undertake plant protection measures accordingly.

Kharif Rice:

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. As dry weather is forecasted for upcoming 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. Due to forecast of dry weather for optimum germination irrigate the field after sowing.

Sugarcane:

Harvest early duration (10 month old) and medium duration (12 month old) matured sugarcane plants. After harvest store them in dry and shaded place.

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. If the groundnut crops are at flowering stage go for irrigation at moisture sensitive stage.

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 infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-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.

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:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-356
Date- 13/12/2022

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI
District Past week average weather condition and Block past week average Rainfall condition

The block received average 0mm and district received average 0.04 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.7°C (-1.43) and 16.2°C (1.61), respectively. The mean relative humidity was 70-75%.

Forecasted period: Today(8.30IST) to 18th December(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-32°C and night temperature will be 16-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 50-82% and 27-30% 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	13/12/2022	14/12/2022	15/12/2022	16/12/2022	17/12/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	31	31	29	29
T-Min(°C)	20	20	19	17	16
Cloud Cover(octa)	3	1	7	8	5
RH Max (%)	82	50	65	55	58
RH Min (%)	30	28	28	28	27
Wind Speed (Kmph)	8	8	7	10	10
Wind Direction (deg)	15	68	101	23	45

Agromet Advisory

General Advisory: Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dense fog was observed and also shallow to moderate fog is forecasted for next 2-3 days over isolated pockets of Cuttack district, monitor potato, tomato and onion crops for incidence of blight disease, if symptoms are noticed, undertake plant protection measures accordingly.

Kharif Rice:

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. As dry weather is forecasted for upcoming 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. Due to forecast of dry weather for optimum germination irrigate the field after sowing.

Sugarcane:

Harvest early duration (10 month old) and medium duration (12 month old) matured sugarcane plants. After harvest store them in dry and shaded place.

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. If the groundnut crops are at flowering stage go for irrigation at moisture sensitive stage.

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 infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-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.

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:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-356
Date- 13/12/2022

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 0mm and district received average 0.04 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.7°C (-1.43) and 16.2°C (1.61), respectively. The mean relative humidity was 70-75%.

Forecasted period: Today(8.30IST) to 18th December(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-32°C and night temperature will be 16-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 51-82% and 27-30% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	13/12/2022	14/12/2022	15/12/2022	16/12/2022	17/12/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	31	31	29	29
T-Min(°C)	20	20	19	17	16
Cloud Cover(octa)	3	1	7	8	5
RH Max (%)	82	51	65	55	58
RH Min (%)	30	28	28	28	27
Wind Speed (Kmph)	8	8	7	9	10
Wind Direction (deg)	15	68	101	23	45

Agromet Advisory

General Advisory: Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dense fog was observed and also shallow to moderate fog is forecasted for next 2-3 days over isolated pockets of Cuttack district, monitor potato, tomato and onion crops for incidence of blight disease, if symptoms are noticed, undertake plant protection measures accordingly.

Kharif Rice:

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. As dry weather is forecasted for upcoming 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. Due to forecast of dry weather for optimum germination irrigate the field after sowing.

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. If the groundnut crops are at flowering stage go for irrigation at moisture sensitive stage.

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 infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-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.

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: In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-356
Date- 13/12/2022

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 0.2 mm and district received average 0.04 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.7°C (-1.43) and 16.2°C (1.61), respectively. The mean relative humidity was 70-75%.

Forecasted period: Today(8.30IST) to 18th December(8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-31°C and night temperature will be 19-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 57-80% and 32-41% 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	13/12/2022	14/12/2022	15/12/2022	16/12/2022	17/12/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	31	29	29
T-Min(°C)	21	22	22	20	19
Cloud Cover(octa)	2	2	7	8	4
RH Max (%)	80	59	72	63	57
RH Min (%)	41	34	32	37	34
Wind Speed (Kmph)	9	9	10	13	14
Wind Direction (deg)	105	68	101	75	68

Agromet Advisory

General Advisory: Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dense fog was observed and also shallow to moderate fog is forecasted for next 2-3 days over isolated pockets of Cuttack district, monitor potato, tomato and onion crops for incidence of blight disease, if symptoms are noticed, undertake plant protection measures accordingly.

Kharif Rice:

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. As dry weather is forecasted for upcoming 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. Due to forecast of dry weather for optimum germination irrigate the field after sowing.

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. If the groundnut crops are at flowering stage go for irrigation at moisture sensitive stage.

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 infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-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.

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:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-356
Date- 13/12/2022

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 0mm and district received average 0.04 mm rainfall during the last week. The mean daily maximum and minimum temperature was 27.7°C (-1.43) and 16.2°C (1.61), respectively. The mean relative humidity was 70-75%.

Forecasted period: Today(8.30IST) to 18th December (8.30IST)2022

Weather advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 30-32°C and night temperature will be 15-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-88% and 28-34% 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	13/12/2022	14/12/2022	15/12/2022	16/12/2022	17/12/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	32	32	30	30
T-Min(°C)	19	19	19	17	15
Cloud Cover(octa)	3	1	6	8	5
RH Max (%)	88	75	77	66	70
RH Min (%)	28	31	31	34	29
Wind Speed (Kmph)	7	5	5	6	6
Wind Direction (deg)	23	75	113	60	56

Agro met Advisory

General Advisory: Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from low temperature and moisture stress. Use low cost polythene covers above the vegetables nursery to avoid poor germination due to low temperature. As dense fog was observed and also shallow to moderate fog is forecasted for next 2-3 days over isolated pockets of Cuttack district, monitor potato, tomato and onion crops for incidence of blight disease, if symptoms are noticed, undertake plant protection measures accordingly.

Kharif Rice:

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. As dry weather is forecasted for upcoming 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.

PULSES:

21-26°C soil temperature is required for proper germination of pulses. Due to forecast of dry weather for optimum germination irrigate the field after sowing.

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. If the groundnut crops are at flowering stage go for irrigation at moisture sensitive stage.

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 infestation in early sown mustard crop. To manage aphids chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Acetamiprid 20 % SP @ 50-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.

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:** In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-356
Date- 13/12/2022

				
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- Kindly install and use **“Meghdoot mobile App”** for Cuttack district weather forecast, warnings and weather based agromet advisory services.

<https://play.google.com/store/apps/details?id=com.aas.meghdoot>

- Kindly install and use **“Damini mobile App”** for location specific for lightening forecast and warnings.

<https://play.google.com/store/apps/details?id=com.lightening.live.damini>

- Follow the **block specific whats app groups** and join in your block wise groups for getting weather based agromet advisory services twice in a week (Tuesday and Friday) and other weather warning based farm management advisories.
- Follow the **Official Website links** to get the weather based agromet advisory service bulletins (**English & Odia**) twice in a week (Tuesday and Friday).

1	ICAR-NRRI, Cuttack, Odisha	https://icar-nrri.in/agromate/	
2	Agrimet division, IMD, Pune	https://imdagrmet.gov.in/imdproject/AGIndex.php	

Dr Sujata Sethy
 (Nodal officer)



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