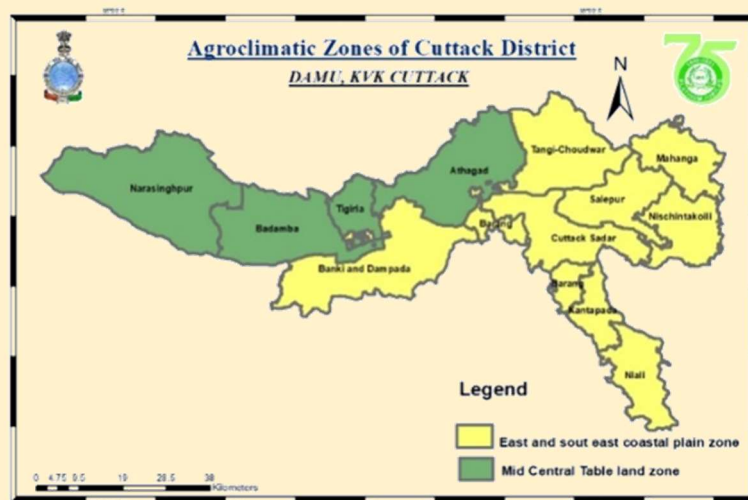




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 08th December, 2023
(For the period 08th to 12th December,
2023)*



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





GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
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Bulletin No.-460
Date- 08/12/2023

STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p style="text-align: center;">Standardised Precipitation Index for the period 28th September to 25th October 2023</p> <p style="text-align: center;">MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CRS PUNE</p> <p style="text-align: center;">STANDARDIZED PRECIPITATION INDEX FOR THE PERIOD 28 SEPTEMBER TO 25 OCTOBER, 2023</p> <p style="text-align: center;">SPI VALUES</p> <p style="text-align: center;">-1.5 to -2.0 (Extremely Dry) 4% 0.04 4% 0.04 -1.0 to -1.5 (Very Dry) 17% 0.17 17% 0.17 -0.5 to -1.0 (Dry) 34% 0.34 34% 0.34 0.0 to -0.5 (Near Normal) 24% 0.24 24% 0.24 0.5 to 1.0 (Wet) 14% 0.14 14% 0.14 1.0 to 1.5 (Very Wet) 7% 0.07 7% 0.07 1.5 to 2.0 (Extremely Wet) 2% 0.02 2% 0.02</p>	<p style="text-align: center;">NOAA/VIIIRS/BLENDED NDVI Composite ending on Week no 48 (26.11.2023 to 02.12.2023) over Agricultural region</p> <p style="text-align: center;">Odisha</p> <p style="text-align: right;"> -9999 - 0 0 - 0.05 0.05 - 0.1 0.1 - 0.15 0.15 - 0.2 0.2 - 0.25 0.25 - 0.3 0.3 - 0.35 0.35 - 0.4 0.4 - 0.45 0.45 - 0.5 0.5 - 0.55 0.55 - 0.6 > 0.6 </p> <p style="text-align: right;"> Bare soil, rocks clouds, rain, snow, etc. Moderate Good Very good </p> <p style="text-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 drycondition was there in Cuttack district.</p>	<p>According to NDVI map (26.11.2023 to 02.12.2023) the agriculture vigor was light to moderate over isolated places of most of blocks and light over some part of Banki, Banki-Dampda, Athagad, Baranga, Cuttack sadar and Niali.</p>

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

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

DrRanjan Kumar Mohanta
(Nodal officer)



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Debasish Jena
SMS (Agrometeorology)
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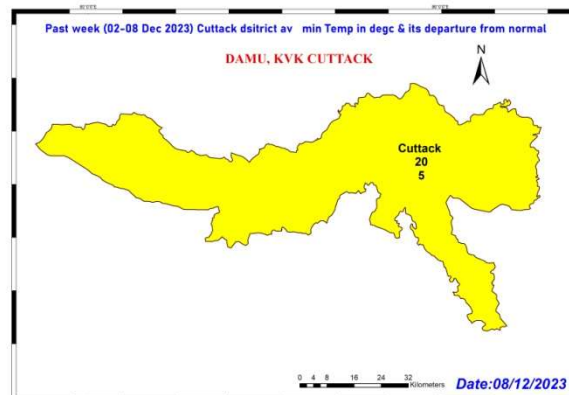
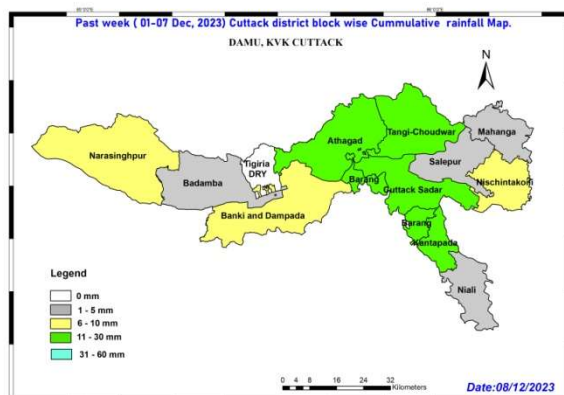
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



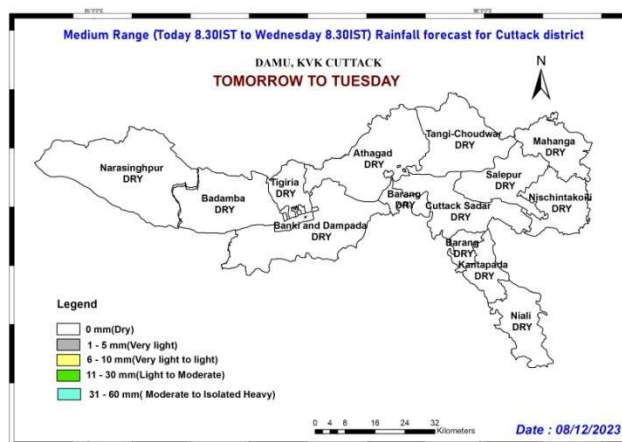
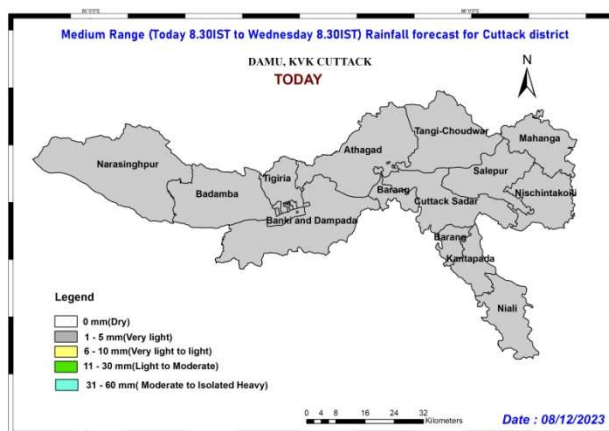
Bulletin No.-460

Date- 08/12/2023

Past week (01-07 Dec, 2023) cumulative rainfall (mm) and (02-08 Dec) average weekly minimum temperature and its departure from normal for Cuttack district



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



DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-460

Date- 08/12/2023

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	Rice	Milkygrain stage to harvesting stage		Rice ear head bug
				Neck blast
				False smut
2	Mustard	Vegetative stage		Aphid
				Saw fly
3	Rabi Groundnut	Vegetative stage		Leaf Miner
3	Cole crops	Vegetative to fruiting		DBM
				Rot
				Damping off
				Tobacco caterpillar
4	Vegetables	Vegetative to fruiting		sucking pest(Aphid, Mites, Thrips)
5	Vegetables(Potato, Onion), Coriander	Sowing/Seedling		Seedling rot







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Bulletin No.-460
Date- 08/12/2023

				Onion Seedling rot
6	Vegetables(Brinjal, Tomato, Cilli)	Vegetative to harvesting		Wilting

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Bulletin No.-460
 Date- 08/12/2023

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (13-19 December 2023) after 5 days				
Odisha	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall (mm)	0.15	0.32	-53.51	Below Normal
	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature (°C)	27.44	27.61	-0.17	Normal
	Minimum temperature (°C)	13.71	13.94	-0.23	Normal

* Agromet Advisory based upon subsequent week extended range forecast:- There will be below normal rainfall is forecasted in the subsequent week (13-19 Dec, 2023) after 5 days in Odisha condition. So, farmer should harvest matured paddy crops, which at their 85% physiological maturity stage and store them in safer place after sun drying in the subsequent week . It's better to start land preparation and sowing of rabi crops and vegetables before the subsequent week as sufficient amount of rainfall was realized in the districts. Due to likely below normal rainfall in subsequent week, farmers should go for irrigation after one week of sowing of rabi crops and vegetables, 15-20 days mustard crop, 30-60 DAS of Onion crop during bulb growth and stolonization, tuber initiation stage of potato and cole crops immediately after field planting as they are shallow rooted crops.



DrRanjan Kumar Mohanta
 (Nodal officer)



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AGROMET ADVISORY BULLETIN FOR ATHAGAD



Bulletin No.-460

Date- 08/12/2023

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

The block received average 3mm&district received average 1.5 mmrainfall during the last week. The mean daily maximum and minimum temperature was **28°C (-1.4°C from normal)** and **20.3°C (+5.4°C from normal)**, respectively. Mean relative humidity of the district was around 72-80%.

Forecasted period: Today(8.30IST) to 13th December (8.30IST)2023

Weather advisory: *Very light rainfall is forecasted for today and dry weather is forecasted for next 4 days in the block.* The day temperature will be **25-32°C** and night temperature will be **17-19°C** for upcoming 5 days. Maximum and minimum relative humidity will be 67-91% and 30-60% respectively. There will be clear to partly cloudy for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	08/12/2023	09/12/2023	10/12/2023	11/12/2023	12/12/2023
Rainfall (mm)	1	0	0	0	0
T-Max (°C)	25	29	31	31	32
T-Min (°C)	19	19	18	18	17
Cloud Cover (octa)	2	1	0	0	4
RH Max (%)	91	75	87	67	74
RH Min (%)	60	47	34	32	30
Wind Speed (kmph)	6	7	7	5	4
Wind Direction (deg)	339	18	340	11	180

Agromet Advisory

General Advisory: Due to forecasted low night temperature coupled with humidity, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide polythine cover to young vegetable seedlings to protect from low temperature stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables in view of dry weather.

Kharif Rice:

In view of dry weather in coming days, resume harvesting of paddy. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. For prevention of **false smut** spray the field with propiconazole 25%EC @ 2ml/liter of water.

PULSES: Due to realization of rainfall its optimum time to start land preparation and sowing of rabi pulses. 21-26°C soil temperature is required for proper germination of pulses.

Mustard:

Taking the advantage of available soil moisture, land preparation and sowing of the crop should be started to get optimum yield. 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.

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.

VEGETABLES:

By utilization of recent rain water associated soil moisture go for early planting of cole crops like raddish, cabbage, cauliflower, root and tuber crops like potato. Onion, Carrot, Raddish, Beet and beans, cluster bean and tomato.

- **Forecasted max and min temp is congenial for infestation of diamond back moth in cole crops.** To control this apply Spinosad 45SC @ 0.5ml/l. To control **rotting** in **Cauliflower or Cabbages** spray, Metalaxyl+Mancozeb @ 2g with 0.2 g Streptocyclin per liter water. To control **damping off** spray Metalaxyl+Mancozeb @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it. To control **tobacco caterpillar**, spray Emamectin benzoate @ 80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre.
- 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.
- Drain out excess water from the field of potato and onion. **Seedling rot** is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- Due to realised rain, **wilting** of plant may appear in early planted **vegetable** crops like Brinjal and tomato. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres 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.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-460

Date- 08/12/2023

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 0.4mm&district received average 1.5 mmrainfall during the last week. The mean daily maximum and minimum temperature was **28°C (-1.4°C from normal)** and **20.3°C (+5.4°C from normal)**, respectively. Mean relative humidity of the district was around 72-80%.

Forecasted period: Today(8.30IST) to 13th December(8.30IST)2023

Weather advisory: *Very light rainfall is forecasted for today and dry weather is forecasted for next 4 days in the block.* The day temperature will be **25-32°C** and night temperature will be **17-19°C** for upcoming 5 days. Maximum and minimum relative humidity will be 78-93% and 31-65% 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	08/12/2023	09/12/2023	10/12/2023	11/12/2023	12/12/2023
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	25	28	31	31	32
T-Min(°C)	18	19	18	18	17
Cloud Cover(octa)	2	2	0	0	4
RH Max (%)	93	78	86	79	79
RH Min (%)	65	46	34	32	31
Wind Speed (Kmph)	6	6	5	5	4
Wind Direction (deg)	334	360	338	18	203

Agromet Advisory

General Advisory: Due to forecasted low night temperature coupled with humidity, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide polythine cover to young vegetable seedlings to protect from low temperature stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables in view of dry weather.

Kharif Rice:

In view of dry weather in coming days, resume harvesting of paddy. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. For prevention of **false smut** spray the field with propiconazole 25%EC @ 2ml/liter of water.

PULSES: Due to realization of rainfall its optimum time to start land preparation and sowing of rabi pulses. 21-26°C soil temperature is required for proper germination of pulses.

Mustard:

Taking the advantage of available soil moisture, land preparation and sowing of the crop should be started to get optimum yield. 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.

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.

VEGETABLES:

By utilization of recent rain water associated soil moisture go for early planting of cole crops like raddish, cabbage, cauliflower, root and tuber crops like potato. Onion, Carrot, Raddish, Beet and beans, cluster bean and tomato.

- **Forecasted max and min temp is congenial for infestation of diamond back moth in cole crops.** To control this apply Spinosad 45SC @ 0.5ml/l. To control **rotting** in **Cauliflower or Cabbages** spray, Metalaxyl+Mancozeb @ 2g/litre with 0.2 g Streptocyclin per liter water. To control **damping off** spray Metalaxyl+Mancozeb @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it. To control **tobacco caterpillar**, spray Emamectin benzoate @ 80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre.
- 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.
- Drain out excess water from the field of potato and onion. **Seedling rot** is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- Due to realised rain, **wilting** of plant may appear in early planted **vegetable** crops like Brinjal and tomato. To control it spray 1.5g Streptocyclin with 25g Copper oxychloride per 10 litres 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 Ranjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-460
Date- 08/12/2023

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 1.5 mm rainfall during the last week. The mean daily maximum and minimum temperature was **28°C (-1.4°C from normal)** and **20.3°C (+5.4°C from normal)**, respectively. Mean relative humidity of the district was around 72-80%.

Forecasted period: Today(8.30IST) to 13th December(8.30IST)2023

Weather advisory: *Very light rainfall is forecasted for today and dry weather is forecasted for next 4 days in the block.* The day temperature will be **25-32°C** and night temperature will be **17-19°C** for upcoming 5 days. Maximum and minimum relative humidity will be 72-92% and 31-63% 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	08/12/2023	09/12/2023	10/12/2023	11/12/2023	12/12/2023
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	25	28	31	31	32
T-Min(°C)	19	19	18	18	17
Cloud Cover(octa)	2	2	0	0	4
RH Max (%)	92	77	89	72	77
RH Min (%)	63	46	33	33	31
Wind Speed (Kmph)	6	6	6	5	4
Wind Direction (deg)	342	15	345	11	203

Agromet Advisory

General Advisory: Due to forecasted low night temperature coupled with humidity, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide polythene cover to young vegetable seedlings to protect from low temperature stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables in view of dry weather.

Kharif Rice:

In view of dry weather in coming days, resume harvesting of paddy. To control rice ear head bug, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of Neck blast disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. For prevention of false smut spray the field with propiconazole 25%EC @ 2ml/liter of water.

PULSES: Due to realization of rainfall its optimum time to start land preparation and sowing of rabi pulses. 21-26°C soil temperature is required for proper germination of pulses.

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Rabi-Groundnut:

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

VEGETABLES:

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- 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.
- Drain out excess water from the field of potato and onion. Seedling rot is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to realised rain, wilting of plant may appear in early planted vegetable crops like Brinjal and tomato. To control it spray 1.5g Streptocyclin with 25g Copper oxychloride per 10 litres of water.

Animal husbandry:

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(Nodal officer)



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Bulletin No.-460

Date- 08/12/2023

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 1.3mm&district received average 1.5 mmrainfall during the last week. The mean daily maximum and minimum temperature was **28°C (-1.4°C from normal)** and **20.3°C (+5.4°C from normal)**, respectively. Mean relative humidity of the district was around 72-80%.

Forecasted period: Today(8.30IST) to 13th December(8.30IST)2023

Weather Advisory: *Very light rainfall is forecasted for today and dry weather is forecasted for next 4 days in the block.* The day temperature will be 25-32°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-92% and 30-62% respectively. There will be clear to partly cloudy for next 5 days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	08/12/2023	09/12/2023	10/12/2023	11/12/2023	12/12/2023
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	25	29	31	31	32
T-Min(°C)	19	19	18	18	17
Cloud Cover(octa)	2	2	0	0	4
RH Max (%)	92	77	89	70	76
RH Min (%)	62	47	33	33	30
Wind Speed (Kmph)	6	6	6	5	4
Wind Direction (deg)	342	15	345	11	158

Agromet Advisory

General Advisory: Due to forecasted low night temperature coupled with humidity, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide polythine cover to young vegetable seedlings to protect from low temperature stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables in view of dry weather.

Kharif Rice:

In view of dry weather in coming days, resume harvesting of paddy. To control rice ear head bug, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of Neck blast disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. For prevention of false smut spray the field with propiconazole 25%EC@ 2ml/liter of water.

PULSES: Due to realization of rainfall its optimum time to start land preparation and sowing of rabi pulses. 21-26°C soil temperature is required for proper germination of pulses.

Mustard:

Taking the advantage of available soil moisture, land preparation and sowing of the crop should be started to get optimum yield. 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.

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.

VEGETABLES:

By utilization of recent rain water associated soil moisture go for early planting of cole crops like raddish, cabbage, cauliflower, root and tuber crops like potato. Onion, Carrot, Raddish, Beet and beans, cluster bean and tomato.

- Forecasted max and min temp is congenial for infestation of diamond back moth in cole crops. To control this apply Spinosad 45SC @ 0.5ml/l. To control roting in Cauliflower or Cabbagespray, Metalaxyl+Mancozeb@2g with 0.2 g Streptocyclin per liter water. To control damping off Spray Metalaxyl+Mancozeb@2g/litre or Copper oxychloride@2.5g/litre of water to control it. To control tobacco caterpillar, spray Emamectin benzoate @80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre.
- 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.
- Drain out excess water from the field of potato and onion. Seedling rot is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to realised rain, wilting of plant may appear in early planted vegetable crops like Brinjal and tomato. To control it spray 1.5g Streptocyclin with 25g Copper oxychloride per 10 litres 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.

DrRanjan 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)
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Bulletin No.-460
Date- 08/12/2023

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 2.9mm&district received average 1.5 mmrainfall during the last week. The mean daily maximum and minimum temperature was **28°C (-1.4°C from normal)** and **20.3°C (+5.4°C from normal)**, respectively. Mean relative humidity of the district was around 72-80%.

Forecasted period: Today(8.30IST) to 13th December(8.30IST)2023

Weather advisory: *Very light rainfall is forecasted for today and dry weather is forecasted for next 4 days in the block.* The day temperature will be **26-32°C** and night temperature will be **18-20°C** for upcoming 5 days. Maximum and minimum relative humidity will be 54-89% and 28-59% respectively. There will be clear to partly cloudy for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	08/12/2023	09/12/2023	10/12/2023	11/12/2023	12/12/2023
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	26	29	32	30	32
T-Min(°C)	20	20	19	18	18
Cloud Cover	2	2	0	0	4
RH Max (%)	89	74	84	54	70
RH Min (%)	59	48	33	32	28
Wind Speed (Kmph)	5	7	6	6	4
Wind Direction (deg)	18	18	345	23	293

Agromet Advisory

General Advisory: Due to forecasted low night temperature coupled with humidity, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide polythine cover to young vegetable seedlings to protect from low temperature stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables in view of dry weather.

Kharif Rice:

In view of dry weather in coming days, resume harvesting of paddy. To control rice ear head bug, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of Neck blast disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. For prevention of false smut spray the field with propiconazole 25%EC@ 2ml/liter of water.

PULSES: Due to realization of rainfall its optimum time to start land preparation and sowing of rabi pulses. 21-26°C soil temperature is required for proper germination of pulses.

Mustard:

Taking the advantage of available soil moisture, land preparation and sowing of the crop should be started to get optimum yield. 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.

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.

VEGETABLES:

By utilization of recent rain water associated soil moisture go for early planting of cole crops like raddish, cabbage, cauliflower, root and tuber crops like potato. Onion, Carrot, Raddish, Beet and beans, cluster bean and tomato.

- Forecasted max and min temp is congenial for infestation of diamond back moth in cole crops. To control this apply Spinosad 45SC @ 0.5ml/l. To control roting in Cauliflower or Cabbagespray, Metalaxyl+Mancozeb@2g with 0.2 g Streptocyclin per liter water. To control damping off Spray Metalaxyl+Mancozeb@2g/litre or Copper oxychloride@2.5g/litre of water to control it. To control tobacco caterpillar, spray Emamectin benzoate @80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre.
- 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.
- Drain out excess water from the field of potato and onion. Seedling rot is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to realised rain, wilting of plant may appear in early planted vegetable crops like Brinjal and tomato. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres 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.

DrRanjan Kumar Mohanta
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR



Bulletin No.-460

Date- 08/12/2023

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

The block received average 2.3mm & district received average 1.5 mm rainfall during the last week. The mean daily maximum and minimum temperature was **28°C (-1.4°C from normal)** and **20.3°C (+5.4°C from normal)**, respectively. Mean relative humidity of the district was around 72-80%.

Forecasted period: Today(8.30IST) to 13th December(8.30IST)2023

Weather advisory: *Very light rainfall is forecasted for today and dry weather is forecasted for next 4 days in the block.* The day temperature will be **26-32°C** and night temperature will be **18-20°C** for upcoming 5 days. Maximum and minimum relative humidity will be 55-89% and 28-58% 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	08/12/2023	09/12/2023	10/12/2023	11/12/2023	12/12/2023
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	26	29	31	30	32
T-Min(°C)	20	20	19	18	18
Cloud Cover(octa)	3	1	0	0	4
RH Max (%)	89	72	83	55	70
RH Min (%)	58	47	33	31	28
Wind Speed (Kmph)	5	7	7	5	4
Wind Direction (deg)	13	18	338	23	293

Agromet Advisory

General Advisory: Due to forecasted low night temperature coupled with humidity, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide polythene cover to young vegetable seedlings to protect from low temperature stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables in view of dry weather.

Kharif Rice:

In view of dry weather in coming days, resume harvesting of paddy. To control rice ear head bug, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of Neck blast disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. For prevention of false smut spray the field with propiconazole 25%EC @ 2ml/liter of water.

PULSES: Due to realization of rainfall its optimum time to start land preparation and sowing of rabi pulses. 21-26°C soil temperature is required for proper germination of pulses.

Mustard:

Taking the advantage of available soil moisture, land preparation and sowing of the crop should be started to get optimum yield. 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.

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.

VEGETABLES:

By utilization of recent rain water associated soil moisture go for early planting of cole crops like raddish, cabbage, cauliflower, root and tuber crops like potato. Onion, Carrot, Raddish, Beet and beans, cluster bean and tomato.

- Forecasted max and min temp is congenial for infestation of diamond back moth in cole crops. To control this apply Spinosad 45SC @ 0.5ml/l. To control roting in Cauliflower or Cabbagespray, Metalaxyl+Mancozeb@2g with 0.2 g Streptocyclin per liter water. To control damping off Spray Metalaxyl+Mancozeb@2g/litre or Copper oxychloride@2.5g/litre of water to control it. To control tobacco caterpillar, spray Emamectin benzoate @80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre.
- 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.
- Drain out excess water from the field of potato and onion. Seedling rot is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to realised rain, wilting of plant may appear in early planted vegetable crops like Brinjal and tomato. To control it spray 1.5g Streptocyclin with 25g Copper oxychloride per 10 litres 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.

DrRanjan Kumar Mohanta
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR KANTAPADA



Bulletin No.-460

Date- 08/12/2023

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

The block received average 2mm&district received average 1.5 mmrainfall during the last week. The mean daily maximum and minimum temperature was **28°C (-1.4°C from normal)** and **20.3°C (+5.4°C from normal)**, respectively. Mean relative humidity of the district was around 72-80%.

Forecasted period: Today(8.30IST) to 13th December(8.30IST)2023

Weather advisory: *Very light rainfall is forecasted for today and dry weather is forecasted for next 4 days in the block.* The day temperature will be **26-32°C** and night temperature will be **18-20°C** for upcoming 5 days. Maximum and minimum relative humidity will be 53-87% and 27-61% respectively. **There will be clear to partly cloudy for next 5 days.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	08/12/2023	09/12/2023	10/12/2023	11/12/2023	12/12/2023
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	26	29	32	30	31
T-Min(°C)	20	20	19	18	18
Cloud Cover(octa)	3	3	0	0	3
RH Max (%)	87	75	83	53	68
RH Min (%)	61	49	33	32	27
Wind Speed (Kmph)	6	6	6	7	5
Wind Direction (deg)	15	27	360	15	349

Agromet Advisory

General Advisory: Due to forecasted low night temperature coupled with humidity, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide polythene cover to young vegetable seedlings to protect from low temperature stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables in view of dry weather.

Kharif Rice:

In view of dry weather in coming days, resume harvesting of paddy. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. For prevention of **false smut** spray the field with propiconazole 25%EC @ 2ml/liter of water.

PULSES: Due to realization of rainfall its optimum time to start land preparation and sowing of rabi pulses. 21-26°C soil temperature is required for proper germination of pulses.

Mustard:

Taking the advantage of available soil moisture, land preparation and sowing of the crop should be started to get optimum yield. 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.

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.

VEGETABLES:

By utilization of recent rain water associated soil moisture go for early planting of cole crops like raddish, cabbage, cauliflower, root and tuber crops like potato. Onion, Carrot, Raddish, Beet and beans, cluster bean and tomato.

- **Forecasted max and min temp is congenial for infestation of diamond back moth in cole crops.** To control this apply Spinosad 45SC @ 0.5ml/l. To control **rotting** in **Cauliflower or Cabbages** spray, Metalaxyl+Mancozeb @ 2g with 0.2 g Streptocyclin per liter water. To control **damping off** spray Metalaxyl+Mancozeb @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it. To control **tobacco caterpillar**, spray Emamectin benzoate @ 80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre.
- 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.
- Drain out excess water from the field of potato and onion. **Seedling rot** is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- Due to realised rain, **wilting** of plant may appear in early planted **vegetable** crops like Brinjal and tomato. To control it spray 1.5g Streptocyclin with 25g Copper oxychloride per 10 litres 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 Ranjan Kumar Mohanta
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR MAHANGA



Bulletin No.-460

Date- 08/12/2023

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

The block received average 1mm&district received average 1.5 mmrainfall during the last week. The mean daily maximum and minimum temperature was **28°C (-1.4°C from normal)** and **20.3°C (+5.4°C from normal)**, respectively. Mean relative humidity of the district was around 72-80%.

Forecasted period: Today(8.30IST) to 13th December(8.30IST)2023

Weatheradvisory:: *Very light rainfall is forecasted for today and dry weather is forecasted for next 4 days in the block.* The day temperature will be and it will be **26-32°C** and night temperature will be **18-20°C** for upcoming 5 days. Maximum and minimum relative humidity will 47-84% and 27-57% 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	08/12/2023	09/12/2023	10/12/2023	11/12/2023	12/12/2023
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	26	29	32	30	31
T-Min(°C)	20	20	19	18	18
Cloud Cover(octal)	3	2	0	0	4
RH Max (%)	84	68	76	47	65
RH Min (%)	57	47	34	28	27
Wind Speed (Kmph)	6	5	6	7	5
Wind Direction (deg)	349	351	19	23	293

Agro-met Advisory

General Advisory: Due to forecasted low night temperature coupled with humidity, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide polythene cover to young vegetable seedlings to protect from low temperature stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables in view of dry weather.

Kharif Rice:

In view of dry weather in coming days, resume harvesting of paddy. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. For prevention of **false smut** spray the field with propiconazole 25%EC@ 2ml/liter of water.

PULSES: Due to realization of rainfall its optimum time to start land preparation and sowing of rabi pulses. 21-26°C soil temperature is required for proper germination of pulses.

Mustard:

Taking the advantage of available soil moisture, land preparation and sowing of the crop should be started to get optimum yield. 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.

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.

VEGETABLES:

By utilization of recent rain water associated soil moisture go for early planting of cole crops like raddish, cabbage, cauliflower, root and tuber crops like potato. Onion, Carrot, Raddish, Beet and beans, cluster bean and tomato.

- **Forecasted max and min temp is congenial for infestation of diamond back moth in cole crops.** To control this apply Spinosad 45SC @ 0.5ml/l. To control **rotting** in **Cauliflower or Cabbages** spray, Metalaxyl+Mancozeb@2g with 0.2 g Streptocyclin per liter water. To control **damping off** spray Metalaxyl+Mancozeb@2g/litre or Copper oxychloride@2.5g/litre of water to control it. To control **tobacco caterpillar**, spray Emamectin benzoate @80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre.
- 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.
- Drain out excess water from the field of potato and onion. **Seedling rot** is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to realised rain, **wilting** of plant may appear in early planted **vegetable** crops like Brinjal and tomato. To control it spray 1.5g Streptocyclin with 25g Copper oxychloride per 10 litres 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.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-460

Date- 08/12/2023

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 1mm&district received average 1.5 mmrainfall during the last week. The mean daily maximum and minimum temperature was **28°C (-1.4°C from normal)** and **20.3°C (+5.4°C from normal)**, respectively. Mean relative humidity of the district was around 72-80%.

Forecasted period: Today(8.30IST) to 13th December(8.30IST)2023

Weather advisory: *Very light rainfall is forecasted for today and dry weather is forecasted for next 4 days in the block.* The day temperature will be **25-32°C** and night temperature will be **16-18°C** for upcoming 5 days. Maximum and minimum relative humidity will be 81-94% and 30-62% 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	08/12/2023	09/12/2023	10/12/2023	11/12/2023	12/12/2023
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	25	28	31	32	32
T-Min(°C)	18	18	17	16	16
Cloud Cover(/octa)	1	2	0	0	3
RH Max (%)	94	81	81	86	81
RH Min (%)	62	45	35	31	30
Wind Speed (Kmph)	6	4	4	4	3
Wind Direction (deg)	328	360	342	18	203

Agromet Advisory

General Advisory: Due to forecasted low night temperature coupled with humidity, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide polythene cover to young vegetable seedlings to protect from low temperature stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables in view of dry weather.

Kharif Rice:

In view of dry weather in coming days, resume harvesting of paddy. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. For prevention of **false smut** spray the field with propiconazole 25%EC @ 2ml/liter of water.

PULSES: Due to realization of rainfall its optimum time to start land preparation and sowing of rabi pulses. 21-26°C soil temperature is required for proper germination of pulses.

Mustard:

Taking the advantage of available soil moisture, land preparation and sowing of the crop should be started to get optimum yield. 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.

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.

VEGETABLES:

By utilization of recent rain water associated soil moisture go for early planting of cole crops like raddish, cabbage, cauliflower, root and tuber crops like potato. Onion, Carrot, Raddish, Beet and beans, cluster bean and tomato.

- Forecasted max and min temp is congenial for infestation of diamond back moth in cole crops. To control this apply Spinosad 45SC @ 0.5ml/l. To control **rotting** in Cauliflower or Cabbagespray, Metalaxyl+Mancozeb@2g with 0.2 g Streptocyclin per liter water. To control **damping off** Spray Metalaxyl+Mancozeb@2g/litre or Copper oxychloride@2.5g/litre of water to control it. To control **tobacco caterpillar**, spray Emamectin benzoate @80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre.
- 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.
- Drain out excess water from the field of potato and onion. **Seedling rot** is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to realised rain, **wilting** of plant may appear in early planted **vegetable** crops like Brinjal and tomato. To control it spray 1.5g Streptocyclin with 25g Copper oxychloride per 10 litres 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.

DrRanjan Kumar Mohanta
(Nodal officer)



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



GRAMIN KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
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Bulletin No.-460
Date- 08/12/2023

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 0.3mm&district received average 1.5 mmrainfall during the last week. The mean daily maximum and minimum temperature was **28°C (-1.4°C from normal)** and **20.3°C (+5.4°C from normal)**, respectively. Mean relative humidity of the district was around 72-80%.

Forecasted period: Today(8.30IST) to 13th December(8.30IST)2023

Weather advisory: *Very light rainfall is forecasted for today and dry weather is forecasted for next 4 days in the block.* The day temperature will be **26-31°C** and night temperature will be **18-20°C** for upcoming 5 days. Maximum and *minimum* relative humidity will be 54-86% and 27-61% respectively. There will be clear to partly cloudy for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	08/12/2023	09/12/2023	10/12/2023	11/12/2023	12/12/2023
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	26	29	31	30	31
T-Min(°C)	20	20	19	18	18
Cloud Cover(octa)	3	3	0	0	3
RH Max (%)	86	75	83	54	69
RH Min (%)	61	49	34	32	27
Wind Speed(Kmph)	7	7	7	8	5
Wind Direction(deg)	45	15	15	15	338

Agromet Advisory

General Advisory: Due to forecasted low night temperature coupled with humidity, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide polythine cover to young vegetable seedlings to protect from low temperature stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables in view of dry weather.

Kharif Rice:

In view of dry weather in coming days, resume harvesting of paddy . To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. For prevention of **false smut** spray the field with propiconazole 25%EC@ 2ml/liter of water.

PULSES: Due to realization of rainfall its optimum time to start land preparation and sowing of rabi pulses. 21-26°C soil temperature is required for proper germination of pulses.

Mustard:

Taking the advantage of available soil moisture, land preparation and sowing of the crop should be started to get optimum yield. 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.

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.

VEGETABLES: By utilization of recent rain water associated soil moisture go for early planting of cole crops like raddish, cabbage, cauliflower, root and tuber crops like potato. Onion, Carrot, Raddish, Beet and beans, cluster bean and tomato.

- **Forecasted max and min temp is congenial for infestation of diamond back moth in cole crops.** To control this apply Spinosad 45SC @ 0.5ml/l. To control **rotting** in **Cauliflower or Cabbages** spray, Metalaxyl+Mancozeb @ 2g with 0.2 g Streptocyclin per liter water. To control **damping off** spray Metalaxyl+Mancozeb @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it. To control **tobacco caterpillar**, spray Emamectin benzoate @ 80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre.
- 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.
- Drain out excess water from the field of potato and onion. **Seedling rot** is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- Due to realised rain, **wilting** of plant may appear in early planted **vegetable** crops like Brinjal and tomato. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres 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 Ranjan Kumar Mohanta
(Nodal officer)



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

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AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 1.3mm&district received average 1.5 mmrainfall during the last week. The mean daily maximum and minimum temperature was **28°C (-1.4°C from normal)** and **20.3°C (+5.4°C from normal)**, respectively. Mean relative humidity of the district was around 72-80%.

Forecasted period: Today(8.30IST) to 13th December(8.30IST)2023

Weatheradvisory:; *Very light rainfall is forecasted for today and dry weather is forecasted for next 4 days in the block.* The day temperature will be **26-32°C** and night temperature will be **18-20°C** for upcoming 5 days. Maximum and minimum relative humidity will be **46-84%** and **27-58%** 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	08/12/2023	09/12/2023	10/12/2023	11/12/2023	12/12/2023
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	26	29	32	30	31
T-Min(°C)	20	20	19	18	18
Cloud Cover(octa)	3	2	0	0	4
RH Max (%)	84	69	78	46	65
RH Min (%)	58	47	34	28	27
Wind Speed (Kmph)	6	5	7	7	5
Wind Direction (deg)	360	11	23	23	288

Agromet Advisory

General Advisory: Due to forecasted low night temperature coupled with humidity, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide polythene cover to young vegetable seedlings to protect from low temperature stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables in view of dry weather.

Kharif Rice:

In view of dry weather in coming days, resume harvesting of paddy. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. For prevention of **false smut** spray the field with propiconazole 25%EC@ 2ml/liter of water.

PULSES: Due to realization of rainfall its optimum time to start land preparation and sowing of rabi pulses. 21-26°C soil temperature is required for proper germination of pulses.

Mustard:

Taking the advantage of available soil moisture, land preparation and sowing of the crop should be started to get optimum yield. 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.

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.

VEGETABLES:

By utilization of recent rain water associated soil moisture go for early planting of cole crops like raddish, cabbage, cauliflower, root and tuber crops like potato. Onion, Carrot, Raddish, Beet and beans, cluster bean and tomato.

- **Forecasted max and min temp is congenial for infestation of diamond back moth in cole crops.** To control this apply Spinosad 45SC @ 0.5ml/l. To control **rotting** in **Cauliflower or Cabbages** spray, Metalaxyl+Mancozeb@2g with 0.2 g Streptocyclin per liter water. To control **damping off** spray Metalaxyl+Mancozeb@2g/litre or Copper oxychloride@2.5g/litre of water to control it. To control **tobacco caterpillar**, spray Emamectin benzoate @80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre.
- 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.
- Drain out excess water from the field of potato and onion. **Seedling rot** is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to realised rain, **wilting** of plant may appear in early planted **vegetable** crops like Brinjal and tomato. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres 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.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-460

Date- 08/12/2023

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 0.7mm&district received average 1.5 mmrainfall during the last week. The mean daily maximum and minimum temperature was **28°C (-1.4°C from normal)** and **20.3°C (+5.4°C from normal)**, respectively. Mean relative humidity of the district was around 72-80%.

Forecasted period: Today(8.30IST) to 13th December(8.30IST)2023

Weather advisory:: *Very light rainfall is forecasted for today and dry weather is forecasted for next 4 days in the block.* The day temperature will be **26-32°C** and night temperature will be **18-20°C** for upcoming 5 days. Maximum and minimum relative humidity will be 46-84% and 27-58% respectively. **There will be clear to partly cloudy for next 5 days.**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	08/12/2023	09/12/2023	10/12/2023	11/12/2023	12/12/2023
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	26	29	32	30	31
T-Min(°C)	20	20	19	18	18
Cloud Cover(octa)	3	2	0	0	4
RH Max (%)	84	69	78	46	66
RH Min (%)	58	47	34	29	27
Wind Speed (Kmph)	6	6	6	7	5
Wind Direction (deg)	360	18	19	23	293

Agromet Advisory

General Advisory: Due to forecasted low night temperature coupled with humidity, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide polythene cover to young vegetable seedlings to protect from low temperature stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables in view of dry weather.

Kharif Rice:

In view of dry weather in coming days, resume harvesting of paddy. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. For prevention of **false smut** spray the field with propiconazole 25%EC @ 2ml/liter of water.

PULSES: Due to realization of rainfall its optimum time to start land preparation and sowing of rabi pulses. 21-26°C soil temperature is required for proper germination of pulses.

Mustard:

Taking the advantage of available soil moisture, land preparation and sowing of the crop should be started to get optimum yield. 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.

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.

VEGETABLES:

By utilization of recent rain water associated soil moisture go for early planting of cole crops like raddish, cabbage, cauliflower, root and tuber crops like potato. Onion, Carrot, Raddish, Beet and beans, cluster bean and tomato.

- **Forecasted max and min temp is congenial for infestation of diamond back moth in cole crops.** To control this apply Spinosad 45SC @ 0.5ml/l. To control **rotting** in **Cauliflower or Cabbages** spray, Metalaxyl+Mancozeb @ 2g with 0.2 g Streptocyclin per liter water. To control **damping off** spray Metalaxyl+Mancozeb @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it. To control **tobacco caterpillar**, spray Emamectin benzoate @ 80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre.
- 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.
- Drain out excess water from the field of potato and onion. **Seedling rot** is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- Due to realised rain, **wilting** of plant may appear in early planted **vegetable** crops like Brinjal and tomato. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres 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.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-460

Date- 08/12/2023

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 2mm&district received average 1.5 mmrainfall during the last week. The mean daily maximum and minimum temperature was **28°C (-1.4°C from normal)** and **20.3°C (+5.4°C from normal)**, respectively. Mean relative humidity of the district was around 72-80%.

Forecasted period: Today(8.30IST) to 13th December(8.30IST)2023

Weatheradvisory:: *Very light rainfall is forecasted for today and dry weather is forecasted for next 4 days in the block.* The day temperature will be 27-29°C and night temperature will be 18-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 50-81% and 30-60% respectively. There will be clear to partly cloudy for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	08/12/2023	09/12/2023	10/12/2023	11/12/2023	12/12/2023
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	27	29	29	28	28
T-Min(°C)	21	21	20	18	19
Cloud Cover(octa)	2	1	0	0	3
RH Max (%)	81	67	78	50	66
RH Min (%)	60	54	40	31	30
Wind Speed (Kmph)	11	10	9	12	8
Wind Direction (deg)	45	27	15	56	360

Agromet Advisory

General Advisory: Due to forecasted low night temperature coupled with humidity, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide polythine cover to young vegetable seedlings to protect from low temperature stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables in view of dry weather.

Kharif Rice:

In view of dry weather in coming days, resume harvesting of paddy. To control rice ear head bug, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of Neck blast disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. For prevention of false smut spray the field with propiconazole 25%EC@ 2ml/liter of water.

PULSES: Due to realization of rainfall its optimum time to start land preparation and sowing of rabi pulses. 21-26°C soil temperature is required for proper germination of pulses.

Mustard:

Taking the advantage of available soil moisture, land preparation and sowing of the crop should be started to get optimum yield. 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.

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.

VEGETABLES:

By utilization of recent rain water associated soil moisture go for early planting of cole crops like raddish, cabbage, cauliflower, root and tuber crops like potato. Onion, Carrot, Raddish, Beet and beans, cluster bean and tomato.

- **Forecasted max and min temp is congenial for infestation of diamond back moth in cole crops.** To control this apply Spinosad 45SC @ 0.5ml/l. To control **rotting** in Cauliflower or Cabbagespray, Metalaxyl+Mancozeb@2g with 0.2 g Streptocyclin per liter water. To control **damping off** spray Metalaxyl+Mancozeb@2g/litre or Copper oxychloride@2.5g/litre of water to control it. To control **tobacco caterpillar**, spray Emamectin benzoate @80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre.
- 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.
- Drain out excess water from the field of potato and onion. **Seedling rot** is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to realised rain, **wilting** of plant may appear in early planted **vegetable** crops like Brinjal and tomato. To control it spray 1.5g Streptocycline with 25g Copper oxychloride per 10 litres 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.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-460
Date- 08/12/2023

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 1.5 mm rainfall during the last week. The mean daily maximum and minimum temperature was **28°C (-1.4°C from normal)** and **20.3°C (+5.4°C from normal)**, respectively. Mean relative humidity of the district was around 72-80%.

Forecasted period: Today (8.30 IST) to 13th December (8.30 IST) 2023

Weather advisory: Very light rainfall is forecasted for today and dry weather is forecasted for next 4 days in the block. The day temperature will be 25-31°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-92% and 31-62% 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	08/12/2023	09/12/2023	10/12/2023	11/12/2023	12/12/2023
Rainfall (mm)	1	0	0	0	0
T-Max (°C)	25	29	31	31	31
T-Min (°C)	19	19	18	18	17
Cloud Cover (octa)	2	2	0	0	4
RH Max (%)	92	76	87	73	76
RH Min (%)	62	47	34	32	31
Wind Speed (Kmph)	6	6	6	5	4
Wind Direction (deg)	339	17	345	11	180

Agro met Advisory

General Advisory: Due to forecasted low night temperature coupled with humidity, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide polythene cover to young vegetable seedlings to protect from low temperature stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables in view of dry weather.

Kharif Rice:

In view of dry weather in coming days, resume harvesting of paddy. To control rice ear head bug, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of Neck blast disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. For prevention of false smut spray the field with propiconazole 25% EC @ 2ml/liter of water.

PULSES: Due to realization of rainfall its optimum time to start land preparation and sowing of rabi pulses. 21-26°C soil temperature is required for proper germination of pulses.

Mustard:

Taking the advantage of available soil moisture, land preparation and sowing of the crop should be started to get optimum yield. 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.

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.

VEGETABLES:

By utilization of recent rain water associated soil moisture go for early planting of cole crops like raddish, cabbage, cauliflower, root and tuber crops like potato. Onion, Carrot, Raddish, Beet and beans, cluster bean and tomato.

- Forecasted max and min temp is congenial for infestation of diamond back moth in cole crops. To control this apply Spinosad 45SC @ 0.5ml/l. To control roting in Cauliflower or Cabbagespray, Metalaxyl+Mancozeb@2g with 0.2 g Streptocyclin per liter water. To control damping off Spray Metalaxyl+Mancozeb@2g/litre or Copper oxychloride@2.5g/litre of water to control it. To control tobacco caterpillar, spray Emamectin benzoate @80 g or Lambda-cyhalothrin @ 300ml in 200 liter water for one acre.
- 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.
- Drain out excess water from the field of potato and onion. Seedling rot is likely to appear in vegetable nursery. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- Due to realised rain, wilting of plant may appear in early planted vegetable crops like Brinjal and tomato. To control it spray 1.5g Streptocyclin with 25g Copper oxychloride per 10 litres 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 Ranjan Kumar Mohanta
(Nodal officer)



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



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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	