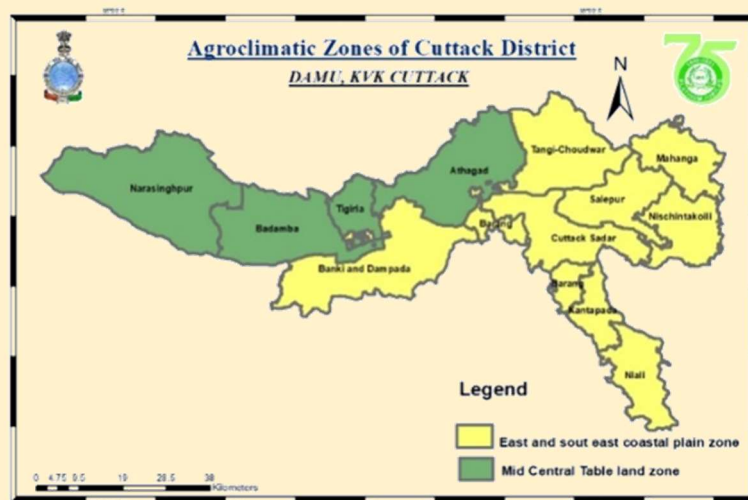




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 01st December, 2023
(For the period 01st to 05th December,
2023)*



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





GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
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Bulletin No.-458
Date- 01/12/2023

STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p align="center">Standardised Precipitation Index for the period 28th September to 25th October 2023</p> <p align="center">As per SPI value (cumulative 4weeks -28 September to 25 October2023), Mildly drycondition was there in Cuttack district.</p>	<p align="center">NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 47 (19.11.2023 to 25.11.2023) over Agricultural region</p> <p align="center">Odisha</p> <p align="center">Agriculture vigour is good at few places of the state.</p> <p align="center">According to NDVI map (19.11.2023 to 25.11.2023) 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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SMS (Agrometeorology)
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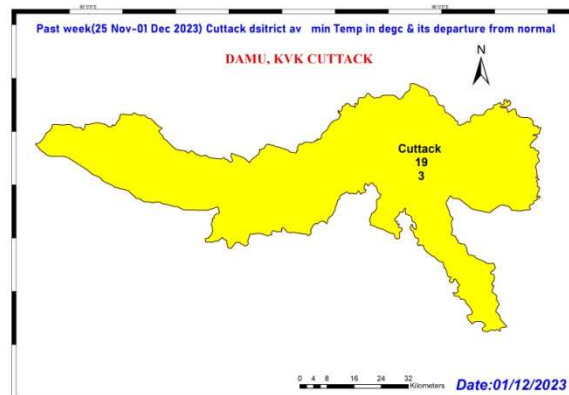
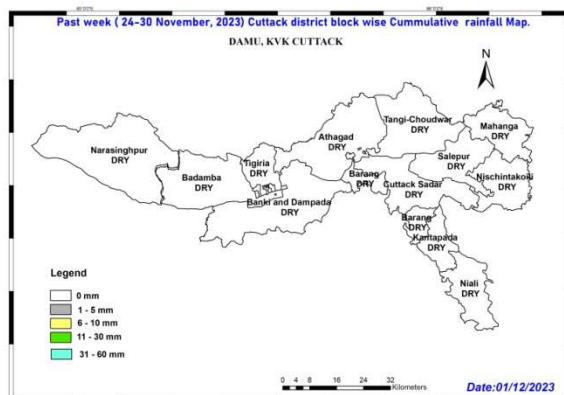


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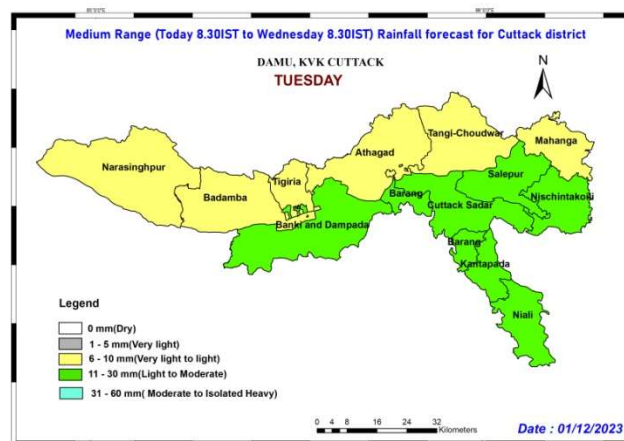
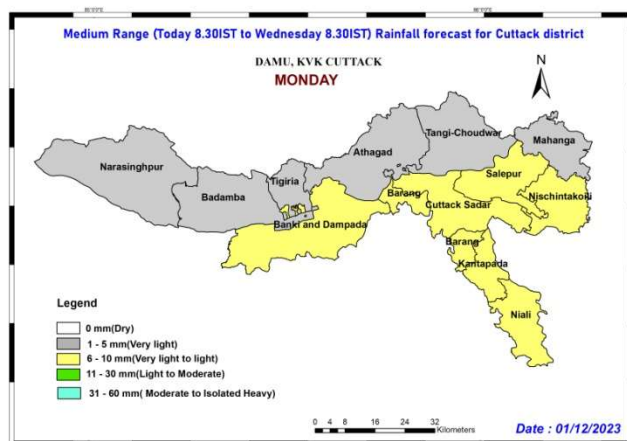
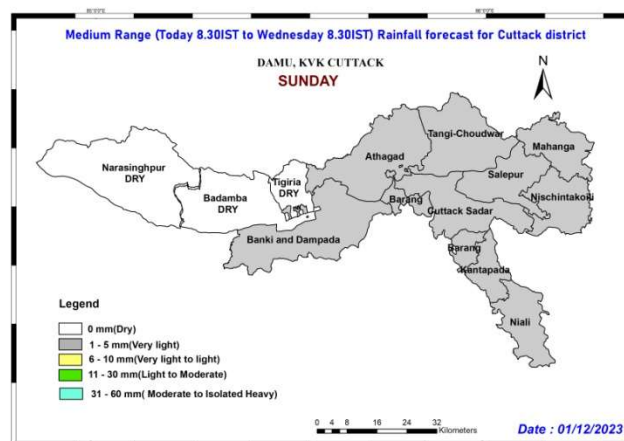
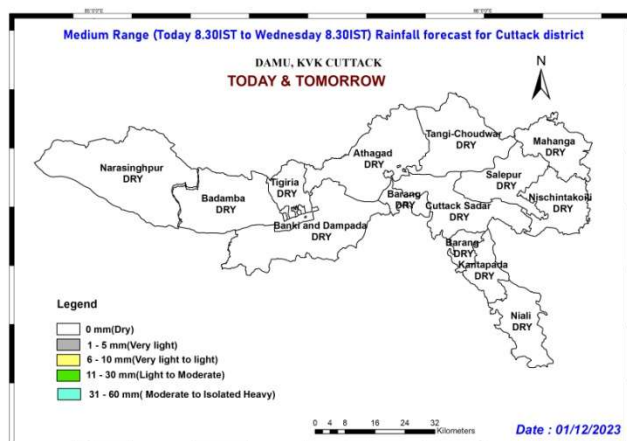


Bulletin No.-458
Date- 01/12/2023

Past week (24-30 Nov, 2023) cumulative rainfall (mm) and (25 Nov-01 Dec) average weekly minimum temperature and its departure from normal for Cuttack district



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





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Bulletin No.-458
Date- 01/12/2023

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (06-12 December 2023) after 5 days				
Odisha	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall (mm)	2.65	0.49	440.53	Above Normal
	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature (°C)	27.42	27.93	-0.51	Normal
	Minimum temperature (°C)	15.57	14.16	1.42	Normal

***Agromet Advisory based upon subsequent week extended range forecast-:** There will be above normal rainfall is forecasted in the subsequent week (06-12 Dec, 2023) after 5 days in Odisha condition and also light to moderate rainfall is forecasted for Cuttack district from Sunday to Tuesday, so farmer should harvest matured paddy crops before the Sunday, which at their 85% physiological maturity stage and store them in safer place after sun drying. Pause sowing or transplanting of winter vegetable crops as well as fertilizer, pesticide application and irrigation activities in the subsequent week.



DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-458

Date- 01/12/2023

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
				BPH
				Gundhi bug
2	Sugarcane	Grand growth stage to cane development stag		Wooly Aphid
				Scale insect
				White fly
				Mealy bug
3	Cole crops	Vegetative to fruiting		DBM
				Rot
				Damping off
				Tobacco caterpillar
4	Vegetables	Vegetative to fruiting		sucking pest(Aphid, Mites, Thrips)








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Bulletin No.-458
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5	Vegetables(Potato, Onion) , Coriander	Sowing/Seedling		Seedling rot
				Onion Seedling rot
6	Vegetables(Brinjal, Tomato, Cilli)	Vegetative to harvesting		Wilting

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Bulletin No.-458

Date- 01/12/2023

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **29.57°C (-0.4°C from normal)** and **18.85°C (+2.9°C from normal)**, respectively. Mean relative humidity of the district was around 72-76%.

Forecasted period: Today(8.30IST) to 06th December (8.30IST)2023

Weather advisory: *Very light to light rainfall is forecasted for Sunday to Tuesday and dry weather is forecasted for other 2 days in the block.* The day temperature will be **22-31°C** and night temperature will be **19-22°C** for upcoming 5 days. Maximum and minimum relative humidity will be 64-96% and 34-87% 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	01/12/2023	02/12/2023	03/12/2023	04/12/2023	05/12/2023
Rainfall (mm)	0	0	1	3	8
T-Max (°C)	31	30	22	22	23
T-Min (°C)	20	22	21	19	21
Cloud Cover (octa)	5	8	8	8	8
RH Max (%)	72	64	90	92	96
RH Min (%)	34	40	67	87	84
Wind Speed (kmph)	9	10	12	21	27
Wind Direction (deg)	63	64	66	68	70

Agromet Advisory

General Advisory: *Harvest matured paddy crops and store them in safer place before Sunday due to anticipation of light to moderate rainfall activities. Complete nursery sowing or transplanting of winter vegetable crops after rainfall.. Go for sowing of cole crops, root crops, pea, gram and green gram crop after rainfall activities. Pause fertilizer, pesticide application and irrigation activities from Sunday onwards.*

Kharif Rice:

Harvest the crop before Sunday and keep the harvested produce at safer place. Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. 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. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.

PULSES:

In view of rainfall activities pause sowing activities from Monday onwards.

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram.

Mustard:

In view of rainfall activities pause sowing activities from Monday onwards.

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. **Pause irrigation in field if mustard in view of rainfall activities from Monday.**

VEGETABLES:

- 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 Cabbage 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 forecast of 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.-458

Date- 01/12/2023

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **29.57°C (-0.4°C from normal)** and **18.85°C (+2.9°C from normal)**, respectively. Mean relative humidity of the district was around 72-76%.

Forecasted period: Today(8.30IST) to 06th December(8.30IST)2023

Weather advisory: *Very light to light rainfall is forecasted for Monday to Tuesday and dry weather is forecasted for other 3 days in the block.* The day temperature will be **21-31°C** and night temperature will be **18-20°C** for upcoming 5 days. Maximum and minimum relative humidity will be 64-97% and 32-90% 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	01/12/2023	02/12/2023	03/12/2023	04/12/2023	05/12/2023
Rainfall(mm)	0	0	0	3	6
T-Max(°C)	31	29	22	21	23
T-Min(°C)	19	20	20	18	20
Cloud Cover(octa)	5	8	8	8	8
RH Max (%)	72	64	91	93	97
RH Min (%)	32	39	67	88	90
Wind Speed (Kmph)	8	9	9	17	22
Wind Direction (deg)	71	56	66	68	71

Agromet Advisory

General Advisory: *Harvest matured paddy crops and store them in safer place before Sunday due to anticipation of light to moderate rainfall activities. Complete nursery sowing or transplanting of winter vegetable crops after rainfall.. Go for sowing of cole crops, root crops, pea, gram and green gram crop after rainfall activities. Pause fertilizer, pesticide application and irrigation activities from Sunday onwards.*

Kharif Rice:

Harvest the crop before Sunday and keep the harvested produce at safer place. Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. 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. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.

PULSES:

In view of rainfall activities pause sowing activities from Monday onwards.

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram.

Mustard:

In view of rainfall activities pause sowing activities from Monday onwards.

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. **Pause irrigation in field if mustard in view of rainfall activities from Monday.**

VEGETABLES:

- 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 Cabbage 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 forecast of 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.

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Bulletin No.-458
Date- 01/12/2023

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **29.57°C (-0.4°Cfrom normal)** and **18.85°C (+2.9°C from normal)**, respectively. Mean relative humidity of the district was around 72-76%.

Forecasted period: Today(8.30IST) to 06th December(8.30IST)2023

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Block	Banki(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	01/12/2023	02/12/2023	03/12/2023	04/12/2023	05/12/2023
Rainfall(mm)	0	0	2	6	12
T-Max(°C)	31	30	22	21	23
T-Min(°C)	19	21	20	19	20
Cloud Cover(octa)	5	8	8	8	8
RH Max (%)	71	66	90	92	96
RH Min (%)	33	40	70	87	88
Wind Speed (Kmph)	9	10	12	21	26
Wind Direction (deg)	71	63	66	68	71

Agromet Advisory

General Advisory: *Harvest matured paddy crops and store them in safer place before Sunday due to anticipation of light to moderate rainfall activities. Complete nursery sowing or transplanting of winter vegetable crops after rainfall.. Go for sowing of cole crops, root crops , pea, gram and green gram crop after rainfall activities. Pause fertilizer, pesticide application and irrigation activities from Sunday onwards.*

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Bulletin No.-458

Date- 01/12/2023

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **29.57°C (-0.4°C from normal)** and **18.85°C (+2.9°C from normal)**, respectively. Mean relative humidity of the district was around 72-76%.

Forecasted period: Today(8.30IST) to 06th December(8.30IST)2023

Weather Advisory: *Very light to light rainfall is forecasted for Sunday and Monday with light to moderate on Tuesday and dry weather is forecasted for other 2 days in the block.* The day temperature will be **21-31°C** and night temperature will be **19-21°C** for upcoming 5 days. Maximum and minimum relative humidity will be 67-96% and 33-88% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	01/12/2023	02/12/2023	03/12/2023	04/12/2023	05/12/2023
Rainfall(mm)	0	0	2	7	15
T-Max(°C)	31	30	22	21	23
T-Min(°C)	19	21	20	19	20
Cloud Cover(octa)	5	8	8	8	8
RH Max (%)	71	67	90	92	96
RH Min (%)	33	40	71	88	88
Wind Speed (Kmph)	9	10	12	21	26
Wind Direction (deg)	71	63	66	68	71

Agromet Advisory

General Advisory: *Harvest matured paddy crops and store them in safer place before Sunday due to anticipation of light to moderate rainfall activities. Complete nursery sowing or transplanting of winter vegetable crops after rainfall.. Go for sowing of cole crops, root crops, pea, gram and green gram crop after rainfall activities. Pause fertilizer, pesticide application and irrigation activities from Sunday onwards.*

Kharif Rice:

Harvest the crop before Sunday and keep the harvested produce at safer place. Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. 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. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.

PULSES:

In view of rainfall activities pause sowing activities from Monday onwards.

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram.

Mustard:

In view of rainfall activities pause sowing activities from Monday onwards.

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. **Pause irrigation in field if mustard in view of rainfall activities from Monday.**

VEGETABLES:

- 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 Cabbage 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 forecast of 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.-458
Date- 01/12/2023

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **29.57°C (-0.4°C from normal)** and **18.85°C (+2.9°C from normal)**, respectively. Mean relative humidity of the district was around 72-76%.

Forecasted period: Today (8.30 IST) to 06th December (8.30 IST) 2023

Weather advisory: *Very light to light rainfall is forecasted for Sunday and Monday with light to moderate on Tuesday and dry weather is forecasted for other 2 days in the block.* The day temperature will be 22-31°C and night temperature will be 20-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-93% and 36-90% 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	01/12/2023	02/12/2023	03/12/2023	04/12/2023	05/12/2023
Rainfall (mm)	0	0	2	8	18
T-Max (°C)	31	30	22	23	24
T-Min (°C)	21	23	21	20	21
Cloud Cover	6	8	8	8	8
RH Max (%)	67	71	89	93	93
RH Min (%)	36	40	74	88	90
Wind Speed (Kmph)	11	12	16	24	28
Wind Direction (deg)	63	58	66	63	75

Agromet Advisory

General Advisory: *Harvest matured paddy crops and store them in safer place before Sunday due to anticipation of light to moderate rainfall activities. Complete nursery sowing or transplanting of winter vegetable crops after rainfall. Go for sowing of cole crops, root crops, pea, gram and green gram crop after rainfall activities. Pause fertilizer, pesticide application and irrigation activities from Sunday onwards.*

Kharif Rice:

Harvest the crop before Sunday and keep the harvested produce at safer place. Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. 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. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.

PULSES:

In view of rainfall activities pause sowing activities from Monday onwards.

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram.

Mustard:

In view of rainfall activities pause sowing activities from Monday onwards.

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @ 60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. **Pause irrigation in field if mustard in view of rainfall activities from Monday.**

VEGETABLES:

- 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 Cabbage** 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 forecast of 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.-458
Date- 01/12/2023

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 0mm & district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **29.57°C (-0.4°C from normal)** and **18.85°C (+2.9°C from normal)**, respectively. Mean relative humidity of the district was around 72-76%.

Forecasted period: Today(8.30IST) to 06th December(8.30IST)2023

Weather advisory: *Very light to light rainfall is forecasted for Sunday and Monday with light to moderate on Tuesday and dry weather is forecasted for other 2 days in the block.* The day temperature will be **22-31°C** and night temperature will be **20-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 65-94% and 36-87% 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	01/12/2023	02/12/2023	03/12/2023	04/12/2023	05/12/2023
Rainfall(mm)	0	0	2	8	20
T-Max(°C)	31	30	23	22	24
T-Min(°C)	21	23	22	20	21
Cloud Cover(octa)	5	8	8	8	8
RH Max (%)	68	65	89	92	94
RH Min (%)	36	40	69	87	87
Wind Speed (Kmph)	10	11	15	25	28
Wind Direction (deg)	63	63	68	68	70

Agromet Advisory

General Advisory:

Harvest matured paddy crops and store them in safer place before Sunday due to anticipation of light to moderate rainfall activities. Complete nursery sowing or transplanting of winter vegetable crops after rainfall. Go for sowing of cole crops, root crops, pea, gram and green gram crop after rainfall activities. Pause fertilizer, pesticide application and irrigation activities from Sunday onwards.

Kharif Rice:

Harvest the crop before Sunday and keep the harvested produce at safer place. Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. 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. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.

PULSES:

In view of rainfall activities pause sowing activities from Monday onwards.

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram.

Sugarcane:

The crop is at maturity (40 - 41 week) stage. Postpone irrigation to crops and spraying insecticides and pesticides. For control of sucking pest in sugarcane like **Woolly aphid, Whitefly, Scale insects, mealybug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of water.

VEGETABLES:

- 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 Cabbage** 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 forecast of 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.-458
Date- 01/12/2023

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 0mm & district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **29.57°C (-0.4°C from normal)** and **18.85°C (+2.9°C from normal)**, respectively. Mean relative humidity of the district was around 72-76%.

Forecasted period: Today(8.30IST) to 06th December(8.30IST)2023

Weather advisory: *Very light to light rainfall is forecasted for Sunday and Monday with light to moderate on Tuesday and dry weather is forecasted for other 2 days in the block.* The day temperature will be **22-31°C** and night temperature will be **21-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 65-94% and 38-89% 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	01/12/2023	02/12/2023	03/12/2023	04/12/2023	05/12/2023
Rainfall(mm)	0	0	3	9	25
T-Max(°C)	31	30	22	23	24
T-Min(°C)	21	23	22	21	23
Cloud Cover(octa)	6	8	8	8	8
RH Max (%)	65	77	90	94	92
RH Min (%)	38	41	79	89	89
Wind Speed (Kmph)	11	12	16	23	26
Wind Direction (deg)	62	58	68	63	75

Agromet Advisory

General Advisory:

Harvest matured paddy crops and store them in safer place before Sunday due to anticipation of light to moderate rainfall activities. Complete nursery sowing or transplanting of winter vegetable crops after rainfall. Go for sowing of cole crops, root crops, pea, gram and green gram crop after rainfall activities. Pause fertilizer, pesticide application and irrigation activities from Sunday onwards.

Kharif Rice:

Harvest the crop before Sunday and keep the harvested produce at safer place. Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. 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. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.

PULSES:

In view of rainfall activities pause sowing activities from Monday onwards.

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram.

Sugarcane:

The crop is at maturity (40 - 41 week) stage. Postpone irrigation to crops and spraying insecticides and pesticides. For control of Sucking pest in sugarcane like **Woolly aphid, Whitefly, Scale insects, mealybug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

VEGETABLES:

- 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 Cabbage** 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 imidacloprid 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 forecast of 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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Bulletin No.-458
Date- 01/12/2023

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 0mm & district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **29.57°C (-0.4°C from normal)** and **18.85°C (+2.9°C from normal)**, respectively. Mean relative humidity of the district was around 72-76%.

Forecasted period: Today(8.30IST) to 06th December(8.30IST)2023

Weather advisory: Very light to light rainfall is forecasted for Sunday and Monday with light to moderate on Tuesday and dry weather is forecasted for other 2 days in the block. The day temperature will be and it will be **23-31°C** and night temperature will be **20-23°C** for upcoming 5 days. Maximum and minimum relative humidity will 64-93% and 38-90% 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	01/12/2023	02/12/2023	03/12/2023	04/12/2023	05/12/2023
Rainfall(mm)	0	0	1	7	15
T-Max(°C)	31	29	23	23	24
T-Min(°C)	21	23	21	20	21
Cloud Cover(octal)	5	8	8	8	8
RH Max (%)	64	69	89	93	93
RH Min (%)	38	41	72	86	90
Wind Speed (Kmph)	11	12	14	24	27
Wind Direction (deg)	63	58	58	45	73

Agro-met Advisory

General Advisory:

Harvest matured paddy crops and store them in safer place before Sunday due to anticipation of light to moderate rainfall activities. Complete nursery sowing or transplanting of winter vegetable crops after rainfall. Go for sowing of cole crops, root crops, pea, gram and green gram crop after rainfall activities. Pause fertilizer, pesticide application and irrigation activities from Sunday onwards.

Kharif Rice:

Harvest the crop before Sunday and keep the harvested produce at safer place. Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. 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. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.

PULSES:

In view of rainfall activities pause sowing activities from Monday onwards.

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram.

Sugarcane:

The crop is at maturity (40 - 41 week) stage. Postpone irrigation to crops and spraying insecticides and pesticides. For control of Sucking pest in sugarcane like **Woolly aphid, Whitefly, Scale insects, mealybug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

VEGETABLES:

- 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 Cabbage** 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 forecast of 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.-458
Date- 01/12/2023

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **29.57°C (-0.4°C from normal)** and **18.85°C (+2.9°C from normal)**, respectively. Mean relative humidity of the district was around 72-76%.

Forecasted period: Today(8.30IST) to 06th December(8.30IST)2023

Weather advisory: *Very light to light rainfall is forecasted for Monday to Tuesday and dry weather is forecasted for other 3 days in the block.* The day temperature will be 19-30°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-98% and 31-92% 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	01/12/2023	02/12/2023	03/12/2023	04/12/2023	05/12/2023
Rainfall(mm)	0	0	0	3	6
T-Max(°C)	30	28	22	19	21
T-Min(°C)	18	19	19	18	19
Cloud Cover(/octa)	5	8	8	8	8
RH Max (%)	74	68	93	95	98
RH Min (%)	31	37	63	91	92
Wind Speed (Kmph)	6	7	6	10	16
Wind Direction (deg)	71	56	58	63	68

Agromet Advisory

General Advisory: *Harvest matured paddy crops and store them in safer place before Sunday due to anticipation of light to moderate rainfall activities. Complete nursery sowing or transplanting of winter vegetable crops after rainfall.. Go for sowing of cole crops, root crops, pea, gram and green gram crop after rainfall activities. Pause fertilizer, pesticide application and irrigation activities from Sunday onwards.*

Kharif Rice:

Harvest the crop before Sunday and keep the harvested produce at safer place. Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather. To prevent crop from **Gundhi bug** apply 5 ml neem baesd insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. 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. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.

PULSES:

In view of rainfall activities pause sowing activities from Monday onwards.

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram.

Mustard:

In view of rainfall activities pause sowing activities from Monday onwards.

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. **Pause irrigation in field if mustard in view of rainfall activities from Monday.**

VEGETABLES:

- 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 Cabbage** 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 forecast of 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.-458
Date- 01/12/2023

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 0mm & district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **29.57°C (-0.4°C from normal)** and **18.85°C (+2.9°C from normal)**, respectively. Mean relative humidity of the district was around 72-76%.

Forecasted period: Today (8.30 IST) to 06th December (8.30 IST) 2023

Weather advisory: *Very light to light rainfall is forecasted for Sunday and Monday with light to moderate on Tuesday and dry weather is forecasted for other 2 days in the block.* The day temperature will be **23-31°C** and night temperature will be **21-24°C** for upcoming 5 days. Maximum and minimum relative humidity will be 65-93% and 39-89% 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	01/12/2023	02/12/2023	03/12/2023	04/12/2023	05/12/2023
Rainfall (mm)	0	0	5	10	30
T-Max (°C)	31	30	23	24	25
T-Min (°C)	21	24	22	22	24
Cloud Cover (octa)	7	8	8	8	8
RH Max (%)	65	78	91	93	91
RH Min (%)	39	43	81	89	86
Wind Speed (Kmph)	12	12	17	21	25
Wind Direction (deg)	58	63	68	68	90

Agromet Advisory

General Advisory:

Harvest matured paddy crops and store them in safer place before Sunday due to anticipation of light to moderate rainfall activities. Complete nursery sowing or transplanting of winter vegetable crops after rainfall. Go for sowing of cole crops, root crops, pea, gram and green gram crop after rainfall activities. Pause fertilizer, pesticide application and irrigation activities from Sunday onwards.

Kharif Rice:

Harvest the crop before Sunday and keep the harvested produce at safer place. Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. 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. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.

PULSES:

In view of rainfall activities pause sowing activities from Monday onwards.

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram.

Sugarcane:

The crop is at maturity (40 - 41 week) stage. Postpone irrigation to crops and spraying insecticides and pesticides. For control of Sucking pest in sugarcane like **Woolly aphid, Whitefly, Scale insects, mealybug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

VEGETABLES:

- 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 Cabbage** 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 imidacloprid 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 forecast of 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.

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Bulletin No.-458
Date- 01/12/2023

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **29.57°C (-0.4°C from normal)** and **18.85°C (+2.9°C from normal)**, respectively. Mean relative humidity of the district was around 72-76%.

Forecasted period: Today(8.30IST) to 06th December(8.30IST)2023

Weather advisory:; *Very light to light rainfall is forecasted for Sunday and Monday with light to moderate on Tuesday and dry weather is forecasted for other 2 days in the block.* The day temperature will be **23-31°C** and night temperature will be **20-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be **64-93%** and **38-90%** 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	01/12/2023	02/12/2023	03/12/2023	04/12/2023	05/12/2023
Rainfall(mm)	0	0	5	10	28
T-Max(°C)	31	30	23	23	25
T-Min(°C)	21	23	22	20	21
Cloud Cover(octa)	5	8	8	8	8
RH Max (%)	64	73	89	93	92
RH Min (%)	38	42	76	87	90
Wind Speed (Kmph)	12	12	14	24	27
Wind Direction (deg)	58	58	63	45	70

Agromet Advisory

General Advisory:

Harvest matured paddy crops and store them in safer place before Sunday due to anticipation of light to moderate rainfall activities. Complete nursery sowing or transplanting of winter vegetable crops after rainfall. Go for sowing of cole crops, root crops, pea, gram and green gram crop after rainfall activities. Pause fertilizer, pesticide application and irrigation activities from Sunday onwards.

Kharif Rice:

Harvest the crop before Sunday and keep the harvested produce at safer place. Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather. To prevent crop from **Gundhi bug** apply 5 ml neem baes insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. 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. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.

PULSES:

In view of rainfall activities pause sowing activities from Monday onwards.

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram.

Sugarcane:

The crop is at maturity (40 - 41 week) stage. Postpone irrigation to crops and spraying insecticides and pesticides. For control of Sucking pest in sugarcane like **Woolly aphid, Whitefly, Scale insects, mealybug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

VEGETABLES:

- 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 Cabbage** 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 forecast of 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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Bulletin No.-458
Date- 01/12/2023

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 0mm & district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **29.57°C (-0.4°C from normal)** and **18.85°C (+2.9°C from normal)**, respectively. Mean relative humidity of the district was around 72-76%.

Forecasted period: Today(8.30IST) to 06th December(8.30IST)2023

Weather advisory:: Very light to light rainfall is forecasted for Sunday and Monday with light to moderate on Tuesday and dry weather is forecasted for other 2 days in the block. The day temperature will be **23-31°C** and night temperature will be **20-23°C** for upcoming 5 days. Maximum and minimum relative humidity will be 64-93% and 38-90% 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	01/12/2023	02/12/2023	03/12/2023	04/12/2023	05/12/2023
Rainfall(mm)	0	0	3	8	20
T-Max(°C)	31	30	23	23	24
T-Min(°C)	21	23	22	20	21
Cloud Cover(octa)	5	8	8	8	8
RH Max (%)	64	71	89	93	92
RH Min (%)	38	41	74	87	90
Wind Speed (Kmph)	11	12	15	24	27
Wind Direction (deg)	58	58	63	45	70

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place before Sunday due to anticipation of light to moderate rainfall activities. Complete nursery sowing or transplanting of winter vegetable crops after rainfall.. Go for sowing of cole crops, root crops, pea, gram and green gram crop after rainfall activities. Pause fertilizer, pesticide application and irrigation activities from Sunday onwards.

Kharif Rice:

Harvest the crop before Sunday and keep the harvested produce at safer place. Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. 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 are favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.

PULSES:

In view of rainfall activities pause sowing activities from Monday onwards.

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram.

Mustard:

In view of rainfall activities pause sowing activities from Monday onwards.

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. **Pause irrigation in field if mustard in view of rainfall activities from Monday.**

VEGETABLES:

- 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 Cabbage 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 forecast of 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

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Bulletin No.-458
Date- 01/12/2023

contact to cold air.

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **29.57°C (-0.4°C from normal)** and **18.85°C (+2.9°C from normal)**, respectively. Mean relative humidity of the district was around 72-76%.

Forecasted period: Today(8.30IST) to 06th December(8.30IST)2023

Weather advisory: Very light to light rainfall is forecasted for Sunday to Tuesday and dry weather is forecasted for other 2 days in the block. The day temperature will be **25-31°C** and night temperature will be **23-25°C** for upcoming 5 days. Maximum and minimum relative humidity will be 67-91% and 46-89% 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	01/12/2023	02/12/2023	03/12/2023	04/12/2023	05/12/2023
Rainfall(mm)	0	0	1	5	9
T-Max(°C)	31	30	25	25	26
T-Min(°C)	23	25	23	23	25
Cloud Cover(octa)	6	8	8	8	8
RH Max (%)	67	74	89	91	89
RH Min (%)	46	49	79	89	85
Wind Speed (Kmph)	14	15	20	22	26
Wind Direction (deg)	58	68	68	68	75

Agromet Advisory

General Advisory: Harvest matured paddy crops and store them in safer place before Sunday due to anticipation of light to moderate rainfall activities. Complete nursery sowing or transplanting of winter vegetable crops after rainfall.. Go for sowing of cole crops, root crops, pea, gram and green gram crop after rainfall activities. Pause fertilizer, pesticide application and irrigation activities from Sunday onwards.

Kharif Rice:

Harvest the crop before Sunday and keep the harvested produce at safer place. Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather. To prevent crop from **Gundhi bug** apply 5 ml neem baes insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. 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. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.

PULSES:

In view of rainfall activities pause sowing activities from Monday onwards.

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram.

Mustard:

In view of rainfall activities pause sowing activities from Monday onwards.

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. **Pause irrigation in field if mustard in view of rainfall activities from Monday.**

VEGETABLES:

- 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 Cabbage** 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 forecast of 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

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Bulletin No.-458
Date- 01/12/2023

direct contact to cold air.

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 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **29.57°C (-0.4°C from normal)** and **18.85°C (+2.9°C from normal)**, respectively. Mean relative humidity of the district was around 72-76%.

Forecasted period: Today (8.30 IST) to 06th December (8.30 IST) 2023

Weather advisory: Very light to light rainfall is forecasted for Monday to Tuesday and dry weather is forecasted for other 3 days in the block. The day temperature will be **21-31°C** and night temperature will be **19-21°C** for upcoming 5 days. Maximum and minimum relative humidity will be 65-97% and 33-87% 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	01/12/2023	02/12/2023	03/12/2023	04/12/2023	05/12/2023
Rainfall (mm)	0	0	0	2	7
T-Max (°C)	31	30	22	21	23
T-Min (°C)	19	21	20	19	20
Cloud Cover (octa)	5	8	8	8	8
RH Max (%)	73	65	91	93	97
RH Min (%)	33	40	66	87	86
Wind Speed (Kmph)	8	9	10	19	25
Wind Direction (deg)	71	64	66	68	68

Agro met Advisory

General Advisory: Harvest matured paddy crops and store them in safer place before Sunday due to anticipation of light to moderate rainfall activities. Complete nursery sowing or transplanting of winter vegetable crops after rainfall. Go for sowing of cole crops, root crops, pea, gram and green gram crop after rainfall activities. Pause fertilizer, pesticide application and irrigation activities from Sunday onwards.

Kharif Rice:

Harvest the crop before Sunday and keep the harvested produce at safer place. Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water. 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. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.

PULSES:

In view of rainfall activities pause sowing activities from Monday onwards.

21-26°C soil temperature is required for proper germination of pulses. This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung). Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram.

Mustard:

In view of rainfall activities pause sowing activities from Monday onwards.

Taking the advantage of available soil moisture due to recent rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @ 60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. **Pause irrigation in field if mustard in view of rainfall activities from Monday.**

VEGETABLES:

- 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 Cabbage** 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 forecast of 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

Dr Ranjan Kumar Mohanta
 (Nodal officer)



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 advisories in local language and DAMINI
 APP for Lightening alert in your area



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Bulletin No.-458
Date- 01/12/2023

contact to cold air.

				
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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://imdagrimet.gov.in/imdproject/AGIndex.php	

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