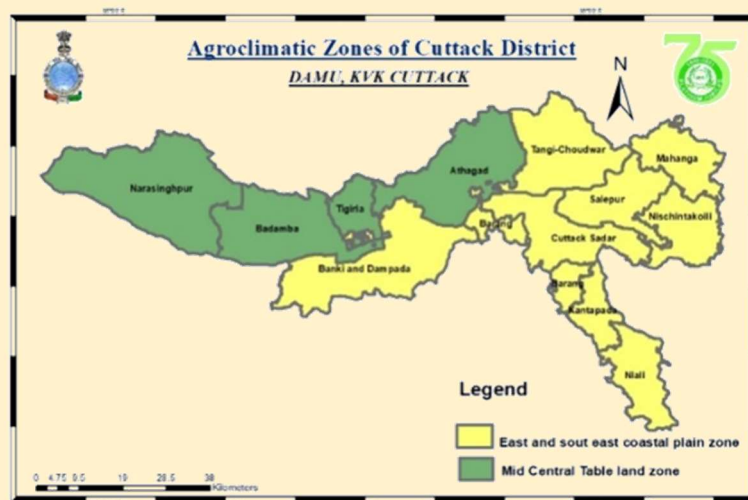




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Tuesday, 05th December, 2023
(For the period 05th to 09th 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.-459
Date- 05/12/2023

STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p>Standardised Precipitation Index for the period 28th September to 25th October 2023</p> <p>MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CRS PUNE</p> <p>As per SPI value (cumulative 4weeks -28 September to 25 October2023), Mildly drycondition was there in Cuttack district.</p>	<p>NOAA/VIIIRS/BLENDED NDVI Composite ending on Week no 48 (26.11.2023 to 02.12.2023) over Agricultural region</p> <p>Odisha</p> <p>Agriculture vigour is good at few places of the state.</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





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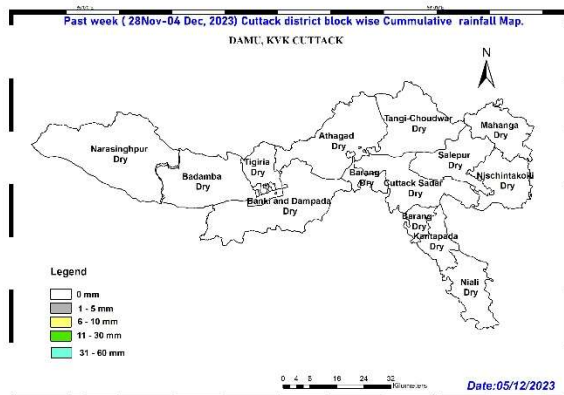
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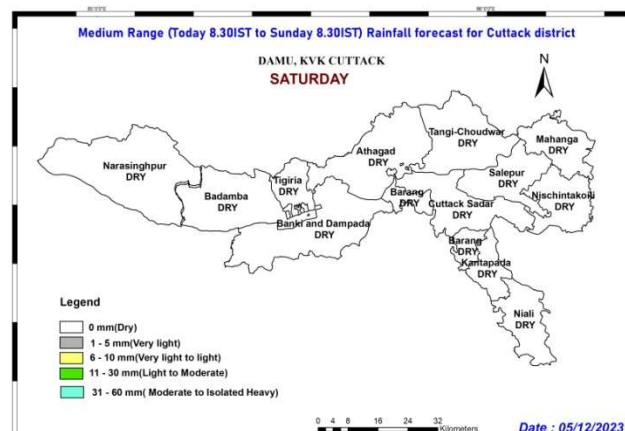
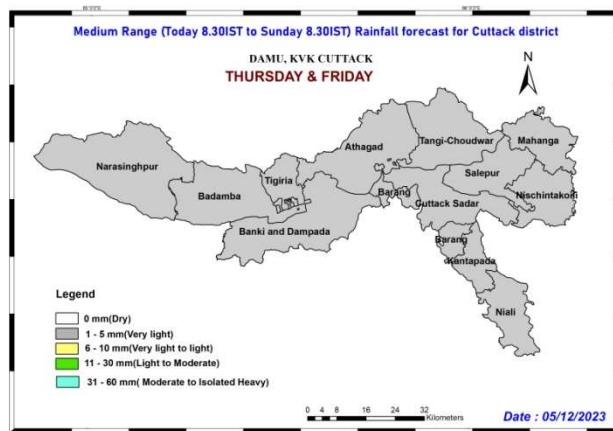
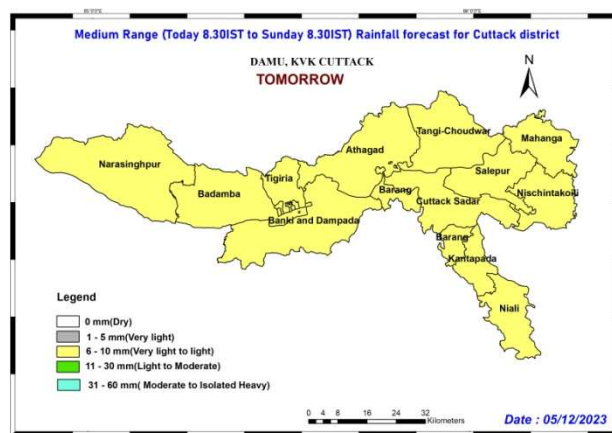
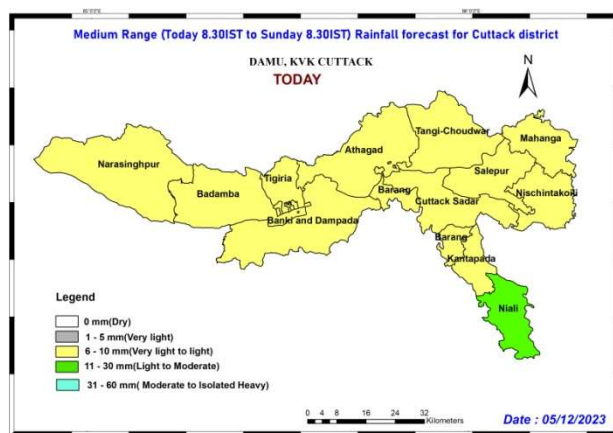
Bulletin No.-459

Date- 05/12/2023

Past week (28 Nov-04 Dec, 2023) cumulative rainfall (mm) and (29 Nov-05 Dec) average weekly minimum temperature and its departure from normal for Cuttack district



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



DrRanjan Kumar Mohanta
(Nodal officer)



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Debasish Jena
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Bulletin No.-459

Date- 05/12/2023

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.-459
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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

DrRanjan Kumar Mohanta
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Bulletin No.-459

Date- 05/12/2023

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 **30°C (+0.3°C from normal)** and **20.16°C (+4.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-75%.

Forecasted period: Today(8.30IST) to 10th December (8.30IST)2023

Weather advisory: *Very light to light rainfall is forecasted for today to Friday and dry weather is forecasted for other 1 day in the block.* The day temperature will be **26-29°C** and night temperature will be **19-21°C** for upcoming 5 days. Maximum and minimum relative humidity will be 72-95% and 45-74% 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	05/12/2023	06/12/2023	07/12/2023	08/12/2023	09/12/2023
Rainfall (mm)	6	7	5	1	0
T-Max (°C)	26	27	26	28	29
T-Min (°C)	21	20	19	19	19
Cloud Cover (octa)	8	8	6	1	1
RH Max (%)	72	89	95	93	85
RH Min (%)	45	56	74	62	53
Wind Speed (kmph)	11	14	11	8	6
Wind Direction (deg)	58	68	63	58	11

Agromet Advisory

General Advisory: *Keep the harvested paddy at safer place 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:

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 up to Friday.

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 up to Friday.

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 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 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.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-459
Date- 05/12/2023

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 **30°C (+0.3°Cfrom normal)** and **20.16°C (+4.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-75%.

Forecasted period: Today(8.30IST) to 10th December(8.30IST)2023

Weatheradvisory: *Very light to light rainfall is forecasted for today to Friday and dry weather is forecasted for other 1 day in the block.* The day temperature will be **24-29°C**and night temperature will be **18-19°C**for upcoming 5 days. Maximum and minimum relative humidity will be 75-96% and 53-72% respectively. **There will be clear to partly cloudyfor next 5days.**

Block	Badamba(VAID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/12/2023	06/12/2023	07/12/2023	08/12/2023	09/12/2023
Rainfall(mm)	6	8	5	1	0
T-Max(°C)	24	27	25	28	29
T-Min(°C)	19	19	18	19	18
Cloud Cover(octa)	8	8	6	2	1
RH Max (%)	75	87	96	94	87
RH Min (%)	53	56	72	62	53
Wind Speed (Kmph)	8	12	8	6	6
Wind Direction (deg)	24	66	45	65	11

Agromet Advisory

General Advisory: *Keep the harvested paddy at safer place 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:

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 up to Friday.

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 up to Friday.

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 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, mitesandAphids**inBrinjal, 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.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-459
Date- 05/12/2023

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 **30°C (+0.3°C from normal)** and **20.16°C (+4.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-75%.

Forecasted period: Today(8.30IST) to 10th December(8.30IST)2023

Weather advisory: *Very light to light rainfall is forecasted for today to Friday and dry weather is forecasted for other 1 day in the block.* The day temperature will be **26-29°C** and night temperature will be **18-20°C** for upcoming 5 days. Maximum and minimum relative humidity will be 72-95% and 45-76% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Banki(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/12/2023	06/12/2023	07/12/2023	08/12/2023	09/12/2023
Rainfall(mm)	7	8	4	1	0
T-Max(°C)	26	27	26	28	29
T-Min(°C)	20	19	18	19	19
Cloud Cover(octa)	8	8	6	1	1
RH Max (%)	72	87	95	93	86
RH Min (%)	45	56	76	61	51
Wind Speed (Kmph)	10	14	10	8	6
Wind Direction (deg)	27	68	58	58	11

Agromet Advisory

General Advisory: *Keep the harvested paddy at safer place 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:

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 up to Friday.

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 up to Friday.

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 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.
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Animal husbandry:

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Bulletin No.-459

Date- 05/12/2023

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 30°C (+0.3°C from normal) and 20.16°C (+4.9°C from normal), respectively. Mean relative humidity of the district was around 71-75%.

Forecasted period: Today(8.30IST) to 10th December(8.30IST)2023

Weather Advisory: Very light to light rainfall is forecasted for today to Friday and dry weather is forecasted for other 1 day in the block. The day temperature will be 26-30°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-95% and 45-76% 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	05/12/2023	06/12/2023	07/12/2023	08/12/2023	09/12/2023
Rainfall(mm)	7	8	4	1	0
T-Max(°C)	26	27	27	28	30
T-Min(°C)	20	19	18	19	19
Cloud Cover(octa)	8	8	6	1	1
RH Max (%)	72	88	95	93	85
RH Min (%)	45	57	76	61	51
Wind Speed (Kmph)	11	14	11	8	6
Wind Direction (deg)	32	68	58	58	11

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PULSES:

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Mustard:

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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 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 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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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.-459
Date- 05/12/2023

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 **30°C (+0.3°C from normal)** and **20.16°C (+4.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-75%.

Forecasted period: Today(8.30IST) to 10th December(8.30IST)2023

Weather advisory: *Very light to light rainfall is forecasted for today to Friday and dry weather is forecasted for other 1 day in the block.* The day temperature will be **26-30°C** and night temperature will be **19-21°C** for upcoming 5 days. Maximum and minimum relative humidity will be 74-93% and 47-71% 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	05/12/2023	06/12/2023	07/12/2023	08/12/2023	09/12/2023
Rainfall(mm)	7	8	4	1	0
T-Max(°C)	26	27	27	28	30
T-Min(°C)	21	20	19	19	20
Cloud Cover	8	8	5	1	2
RH Max (%)	74	88	93	91	80
RH Min (%)	47	61	71	65	52
Wind Speed (Kmph)	14	18	15	10	7
Wind Direction (deg)	58	63	45	45	23

Agromet Advisory

General Advisory: *Keep the harvested paddy at safer place 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:

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 up to Friday.

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 up to Friday.

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 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 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.-459

Date- 05/12/2023

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **30°C (+0.3°C from normal)** and **20.16°C (+4.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-75%.

Forecasted period: Today(8.30IST) to 10th December(8.30IST)2023

Weather advisory: *Very light to light rainfall is forecasted for today to Friday and dry weather is forecasted for other 1 day in the block.* The day temperature will be **26-30°C** and night temperature will be **19-21°C** for upcoming 5 days. Maximum and minimum relative humidity will be 72-93% and 47-70% 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	05/12/2023	06/12/2023	07/12/2023	08/12/2023	09/12/2023
Rainfall(mm)	6	8	3	1	0
T-Max(°C)	26	26	27	27	30
T-Min(°C)	21	20	19	19	20
Cloud Cover(octa)	8	8	5	1	2
RH Max (%)	72	88	93	92	81
RH Min (%)	47	60	70	65	53
Wind Speed (Kmph)	14	18	15	10	6
Wind Direction (deg)	58	68	45	58	23

Agromet Advisory

General Advisory: *Keep the harvested paddy at safer place 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:

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 up to Friday.

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

(A Unit of ICAR-National Rice Research Institute)

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

AGROMET ADVISORY BULLETIN FOR KANTAPADA



Bulletin No.-459

Date- 05/12/2023

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 **30°C (+0.3°Cfrom normal)** and **20.16°C (+4.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-75%.

Forecasted period: Today(8.30IST) to 10th December(8.30IST)2023

Weatheradvisory: Very light to light rainfall is forecasted for today to Friday and dry weather is forecasted for other 1 day in the block.

The day temperature will be **26-31°C** and night temperature will be **19-22°C**for upcoming 5 days. Maximum and minimum relative humidity will be 76-93% and 49-74% respectively. **There will be clear to partly cloudyfor next 5days.**

Block	Kantapada(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/12/2023	06/12/2023	07/12/2023	08/12/2023	09/12/2023
Rainfall(mm)	9	8	2	1	0
T-Max(°C)	26	28	27	28	31
T-Min(°C)	22	20	19	19	20
Cloud Cover(octa)	8	8	5	2	2
RH Max (%)	76	88	93	91	78
RH Min (%)	49	63	74	67	53
Wind Speed (Kmph)	14	18	16	11	8
Wind Direction (deg)	45	45	27	32	25

Agromet Advisory

General Advisory: Keep the harvested paddy at safer place 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:

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 up to Friday.

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 **Wooly aphid, Whitefly,Scaleinsects,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 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, mitesandAphids**inBrinjal, Tomato, Chilli,colecrops, 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.





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

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AGROMET ADVISORY BULLETIN FOR MAHANGA



Bulletin No.-459

Date- 05/12/2023

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 **30°C (+0.3°Cfrom normal)** and **20.16°C (+4.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-75%.

Forecasted period: Today(8.30IST) to 10th December(8.30IST)2023

Weatheradvisory:: *Very light to light rainfall is forecasted for today to Friday and dry weather is forecasted for other 1 day in the block.* The day temperature will be and it will be **25-30°C** and night temperature will be **19-21°C**for upcoming 5 days. Maximum and minimum relative humidity will 75-92% and 50-77% respectively. **There will be clear to partly cloudyfor next 5days.**

Block	Mahanga(VAID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/12/2023	06/12/2023	07/12/2023	08/12/2023	09/12/2023
Rainfall(mm)	6	7	5	1	0
T-Max(°C)	26	26	25	26	30
T-Min(°C)	21	19	19	19	20
Cloud Cover(octal)	8	8	5	2	2
RH Max (%)	75	88	92	89	78
RH Min (%)	50	62	77	71	56
Wind Speed (Kmph)	14	19	16	10	8
Wind Direction (deg)	45	32	27	32	18

Agro-met Advisory

General Advisory: *Keep the harvested paddy at safer place 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:

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 up to Friday.

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 **Wooly aphid, Whitefly,Scaleinsects,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 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, mitesandAphids**inBrinjal, Tomato, Chilli,colecrops, 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.**

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-459
Date- 05/12/2023

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AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 0mm & district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **30°C (+0.3°C from normal)** and **20.16°C (+4.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-75%.

Forecasted period: Today(8.30IST) to 10th December(8.30IST)2023

Weather advisory: *Very light to light rainfall is forecasted for today to Friday and dry weather is forecasted for other 1 day in the block.* The day temperature will be 21-29°C and night temperature will be 17-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-97% and 53-74% 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	05/12/2023	06/12/2023	07/12/2023	08/12/2023	09/12/2023
Rainfall(mm)	6	9	5	1	0
T-Max(°C)	21	26	25	27	29
T-Min(°C)	18	18	18	18	17
Cloud Cover(octa)	8	8	6	3	1
RH Max (%)	80	89	97	96	88
RH Min (%)	69	56	74	61	53
Wind Speed (Kmph)	5	8	6	4	4
Wind Direction (deg)	351	66	71	90	343

Agromet Advisory

General Advisory: *Keep the harvested paddy at safer place 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:

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 up to Friday.

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 up to Friday.

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 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 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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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.-459
Date- 05/12/2023

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 **30°C (+0.3°C from normal)** and **20.16°C (+4.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-75%.

Forecasted period: Today (8.30 IST) to 10th December (8.30 IST) 2023

Weather advisory: Light to moderate rainfall is forecasted for today and Very light to light rainfall is forecasted for tomorrow to Friday and dry weather is forecasted for other 1 day in the block. The day temperature will be 26-31°C and night temperature will be 19-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-93% and 51-78% 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	05/12/2023	06/12/2023	07/12/2023	08/12/2023	09/12/2023
Rainfall (mm)	11	6	4	1	0
T-Max (°C)	27	28	26	28	31
T-Min (°C)	22	20	19	19	20
Cloud Cover (octa)	8	8	6	2	2
RH Max (%)	77	89	93	91	77
RH Min (%)	51	65	78	68	53
Wind Speed (Kmph)	15	18	16	11	9
Wind Direction (deg)	45	45	27	32	25

Agromet Advisory

General Advisory: Keep the harvested paddy at safer place 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:

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 up to Friday.

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 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 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 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.-459
Date- 05/12/2023

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

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 **30°C (+0.3°Cfrom normal)** and **20.16°C (+4.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-75%.

Forecasted period: Today(8.30IST) to 10th December(8.30IST)2023

Weatheradvisory: Very light to light rainfall is forecasted for today to Friday and dry weather is forecasted for other 1 day in the block. The day temperature will be **26-30°C** and night temperature will be**19-21°C**for upcoming 5 days. Maximum and minimum relative humidity will be76-92% and 50-76% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Nischintakoili(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/12/2023	06/12/2023	07/12/2023	08/12/2023	09/12/2023
Rainfall(mm)	8	6	4	1	0
T-Max(°C)	26	27	26	27	30
T-Min(°C)	21	20	19	19	20
Cloud Cover(octa)	8	8	5	2	2
RH Max (%)	76	88	92	89	78
RH Min (%)	50	63	76	70	55
Wind Speed (Kmph)	15	19	16	11	8
Wind Direction (deg)	32	32	27	32	18

Agromet Advisory

General Advisory: Keep the harvested paddy at safer place 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:

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 up to Friday.

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 **Wooly aphid, Whitefly,Scaleinsects,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 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, mitesandAphids**inBrinjal, Tomato, Chilli,colecrops, 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.**

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-459
Date- 05/12/2023

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 **30°C (+0.3°C from normal)** and **20.16°C (+4.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-75%.

Forecasted period: Today (8.30 IST) to 10th December (8.30 IST) 2023

Weather advisory:: *Very light to light rainfall is forecasted for today to Friday and dry weather is forecasted for other 1 day in the block.* The day temperature will be **26-30°C** and night temperature will be **19-21°C** for upcoming 5 days. Maximum and minimum relative humidity will be 75-92% and 49-75% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/12/2023	06/12/2023	07/12/2023	08/12/2023	09/12/2023
Rainfall (mm)	7	6	4	1	0
T-Max (°C)	26	27	26	27	30
T-Min (°C)	21	20	19	19	20
Cloud Cover (octa)	8	8	5	2	2
RH Max (%)	75	88	92	89	78
RH Min (%)	49	62	75	69	55
Wind Speed (Kmph)	15	19	16	11	8
Wind Direction (deg)	45	45	27	32	23

Agromet Advisory

General Advisory: *Keep the harvested paddy at safer place 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:

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 up to Friday.

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 up to Friday.

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 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 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.-459

Date- 05/12/2023

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 0mm & district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **30°C (+0.3°C from normal)** and **20.16°C (+4.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-75%.

Forecasted period: Today(8.30IST) to 10th December(8.30IST)2023

Weather advisory: Very light to light rainfall is forecasted for today to Friday and dry weather is forecasted for other 1 day in the block. The day temperature will be 24-29°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-92% and 55-84% 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	05/12/2023	06/12/2023	07/12/2023	08/12/2023	09/12/2023
Rainfall(mm)	6	8	5	1	0
T-Max(°C)	28	28	24	26	29
T-Min(°C)	24	22	22	21	22
Cloud Cover(octa)	8	8	7	2	0
RH Max (%)	77	88	92	88	77
RH Min (%)	55	66	84	73	56
Wind Speed (Kmph)	18	22	18	14	12
Wind Direction (deg)	68	32	27	27	45

Agromet Advisory

General Advisory: Keep the harvested paddy at safer place 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:

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 up to Friday.

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 up to Friday.

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 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 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.-459
Date- 05/12/2023

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 0mm rainfall during the last week. The mean daily maximum and minimum temperature was **30°C (+0.3°C from normal)** and **20.16°C (+4.9°C from normal)**, respectively. Mean relative humidity of the district was around 71-75%.

Forecasted period: Today (8.30 IST) to 10th December (8.30 IST) 2023

Weather advisory: Very light to light rainfall is forecasted for today to Friday and dry weather is forecasted for other 1 day in the block. The day temperature will be 25-29°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-95% and 47-76% 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	05/12/2023	06/12/2023	07/12/2023	08/12/2023	09/12/2023
Rainfall (mm)	6	8	5	1	0
T-Max (°C)	26	27	25	28	29
T-Min (°C)	20	19	18	19	19
Cloud Cover (octa)	8	8	6	1	1
RH Max (%)	73	88	95	94	86
RH Min (%)	47	56	76	62	53
Wind Speed (Kmph)	9	12	9	7	6
Wind Direction (deg)	27	68	63	65	11

Agro met Advisory

General Advisory: Keep the harvested paddy at safer place 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:

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 up to Friday.

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 up to Friday.

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 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 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)



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



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MEGHDOOT APP	DAMINI APP	FACEBOOK (Damu Cuttack)	BLOCK SPECIFIC WHAT'S APP GROUPS	@DAMUCUTTACK


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

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

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

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

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

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