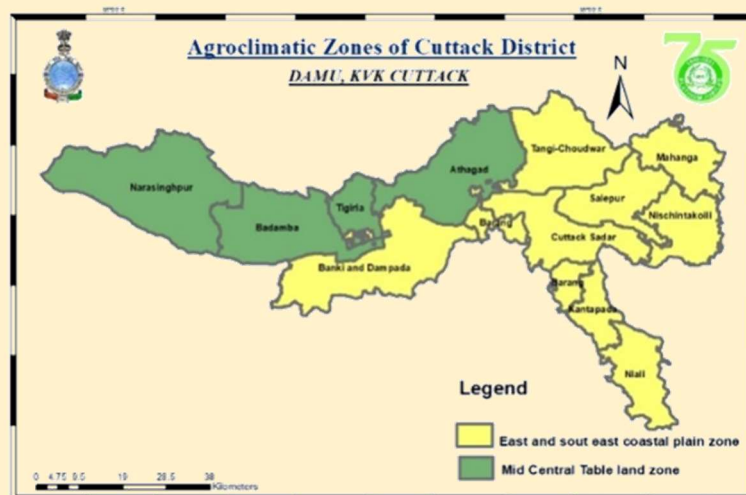




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 27th October, 2023
(For the period 27th October to 31st
October, 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.-448
Date- 27/10/2023

STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p align="center">Standardised Precipitation Index for the period 21st September to 18th October 2023</p> <p align="center">As per SPI value (cumulative 4weeks -21 September to 18 October 2023), Mildly wet condition was there in Cuttack district.</p>	<p align="center">NOAA/VIIIRS/BLENDED NDVI Composite ending on Week no 42 (15.10.2023 to 21.10.2023) 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 (15.10.2023 to 21.10.2023) the agriculture vigor was light to moderate over isolated places of all blocks.</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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Bulletin No.-448
Date- 27/10/2023

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (01-07 November 2023) after 5 days				
Odisha	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall (mm)	0.47	1.43	-67.01	Below Normal
	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature (°C)	33.43	30.32	3.11	Moderately Above Normal
	Minimum temperature (°C)	20.47	19.57	0.9	Normal

***Agromet Advisory based upon subsequent week extended range forecast:-** **There will be below normal rainfall and moderately above normal day temperature is forecasted in the subsequent week (01-07 November, 2023) after 5 days in Odisha condition,** so farmer should strengthen their field bund to conserve 5-10cm water depth in reproductive stage of rice and cover the soil with white polythene in vegetable fields to conserve soil moisture and maintain soil temperature at the time of pre Rabi sowing.

DrRanjan Kumar Mohanta
 (Nodal officer)



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Bulletin No.-448

Date- 27/10/2023

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	Panicle initiation to flowering/Dough stage (Early/Medium duration variety)		Leaf streak
				Mealy bug
				Neck blast
				False smut
				BPH
				Gundhi Bug
2	Sugarcane	4-5 month old		Mealy bug
				Scales
				White fly
3	Maize	Cob development stage		Aphid/thrips

DrRanjan Kumar Mohanta
(Nodal officer)



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				Stem borer
4	Vegetables			Aphid
				Leaf hopper
				White fly
5	Cabbage/Cauliflower	Seedling to vegetative Stage		Damping off
				White fly
				Tobacco caterpillar

DrRanjan Kumar Mohanta
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Bulletin No.-448

Date- 27/10/2023

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

The block received average 0mm & district received average 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was **31.42°C (-0.92°C from normal)** and **23.14°C (+1.77°C from normal)** respectively. Mean relative humidity of the district was around 74-78%.

Forecasted period: Today(8.30IST) to 01st November (8.30IST)2023

Weather advisory: Dry weather is forecasted in between upcoming 5 days in the block. The day temperature will be 32°C and night temperature will be 21-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-88% and 36-42% 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	27/10/2023	28/10/2023	29/10/2023	30/10/2023	31/10/2023
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	32	32	32	32	32
T-Min (°C)	21	22	22	22	21
Cloud Cover (octa)	0	1	0	0	1
RH Max (%)	74	84	84	88	83
RH Min (%)	36	42	38	40	41
Wind Speed (kmph)	6	5	6	6	6
Wind Direction (deg)	315	330	338	11	360

Agromet Advisory

General advisory:

Harvest the early/medium duration rice crops which are at their physiological maturity stage and keep the harvested produce at safer place. Harvest matured kharif Maize, pulses and other vegetables. They should resume fertilizer, chemical application as well as irrigation activities from today onwards 4-5 days.

Kharif Rice

Maximum paddy crops are now mostly in panicle initiation to flowering stage. Moisture Stress during this stage will lead to decrease in yield. As weather to remain mostly dry in upcoming 3 days, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature in past days, there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area.
- If **Brown Plant Hopper (BPH) infestation** will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water.**
- 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 @ 1g/liter. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. . For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water.**

Maize:

- Maize is at cob development and harvesting stage. Harvest the matured maize in dry days based upon forecast of rain. There may be Aphids and Thrips infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. To control stem borer apply fipronil 5SC 400ml/acre in 200 litre water.

VEGETABLES:

- Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish.**
- Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.
- To prevent **damping off disease** in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water.
- If **whitefly** will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water.
- The dry weather favors infestation of **Tobacco caterpillar**, to control this apply 1ml/10 litre water.

Animal husbandry:

- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-448

Date- 27/10/2023

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 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was **31.42°C (-0.92°C from normal)** and **23.14°C (+1.77°C from normal)** respectively. Mean relative humidity of the district was around 74-78%.

Forecasted period: Today(8.30IST) to 01st November (8.30IST)2023

Weather advisory: Dry weather is forecasted in between upcoming 5 days in the block. The day temperature will be 32°C and night temperature will be 20-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-88% and 35-40% respectively. There will be clear to partly cloudy for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/10/2023	28/10/2023	29/10/2023	30/10/2023	31/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	32
T-Min(°C)	20	20	21	21	20
Cloud Cover(octa)	0	0	0	0	1
RH Max (%)	61	75	76	88	84
RH Min (%)	35	39	37	39	40
Wind Speed (Kmph)	6	5	5	6	6
Wind Direction (deg)	338	19	23	18	23

Agromet Advisory

General advisory:

Harvest the early/medium duration rice crops which are at their physiological maturity stage and keep the harvested produce at safer place. Harvest matured kharif Maize, pulses and other vegetables. They should resume fertilizer, chemical application as well as irrigation activities from today onwards 4-5 days.

Kharif Rice

Maximum paddy crops are now mostly in panicle initiation to flowering stage. Moisture Stress during this stage will lead to decrease in yield. As weather to remain mostly dry in upcoming 3 days, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature in past days, there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200 liter water for one acre.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area.
- If **Brown Plant Hopper (BPH) infestation** will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water.**
- 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 @ 1g/liter. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25% EC @ 2ml/liter of water. . For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25% EC @ 2ml/liter of water.**

Maize:

- Maize is at cob development and harvesting stage. Harvest the matured maize in dry days based upon forecast of rain. There may be Aphids and Thrips infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200 liter water for one acre. To control stem borer apply fipronil 5SC 400ml/acre in 200 liter water.

VEGETABLES:

- Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish.**
- Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.
- To prevent **damping off disease** in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water.
- If **whitefly** will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water.
- The dry weather favors infestation of **Tobacco caterpillar**, to control this apply 1ml/10 liter water.

Animal husbandry:

Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-448
Date- 27/10/2023

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was **31.42°C (-0.92°C from normal)** and **23.14°C (+1.77°C from normal)**, respectively. Mean relative humidity of the district was around 74-78%.

Forecasted period: Today(8.30IST) to 01st November (8.30IST)2023

Weather advisory: *Dry weather is forecasted in between upcoming 5 days in the block.* The day temperature will be **32°C** and night temperature will be **20-21°C** for upcoming 5 days. Maximum and minimum relative humidity will be 68-89% and 35-40% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/10/2023	28/10/2023	29/10/2023	30/10/2023	31/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	32
T-Min(°C)	20	21	21	21	21
Cloud Cover(octa)	0	1	1	0	1
RH Max (%)	68	80	79	89	83
RH Min (%)	35	40	37	39	40
Wind Speed (Kmph)	6	6	6	6	6
Wind Direction (deg)	338	18	330	11	23

Agromet Advisory

General advisory:

Harvest the early/medium duration rice crops which are at their physiological maturity stage and keep the harvested produce at safer place. Harvest matured kharif Maize, pulses and other vegetables. They should resume fertilizer, chemical application as well as irrigation activities from today onwards 4-5 days.

Kharif Rice

Maximum paddy crops are now mostly in panicle initiation to flowering stage. Moisture Stress during this stage will lead to decrease in yield. As weather to remain mostly dry in upcoming 3 days, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature in past days, there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area.
- If **Brown Plant Hopper (BPH) infestation** will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water.**
- 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 @ 1g/liter. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC@ 2ml/liter of water. . For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC@ 2ml/liter of water.**

Maize:

- Maize is at cob development and harvesting stage. Harvest the matured maize in dry days based upon forecast of rain. There may be Aphids and Thrips infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. To control stem borer apply fipronil 5SC 400ml/acre in 200 litre water.

VEGETABLES:

- Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish.**
- Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.
- To prevent **damping off disease** in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water.
- If **whitefly** will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water.
- The dry weather favors infestation of **Tobacco caterpillar**, to control this apply 1ml/10 litre water.

Animal husbandry:

Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-448

Date- 27/10/2023

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 0mm & district received average 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was **31.42°C (-0.92°C from normal)** and **23.14°C (+1.77°C from normal)** respectively. Mean relative humidity of the district was around 74-78%.

Forecasted period: Today(8.30IST) to 01st November (8.30IST)2023

Weather Advisory: Dry weather is forecasted in between upcoming 5 days in the block. The day temperature will be 32°C and night temperature will be 21°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-89% and 35-40% 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	27/10/2023	28/10/2023	29/10/2023	30/10/2023	31/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	32
T-Min(°C)	21	21	21	21	21
Cloud Cover(octa)	0	1	1	0	2
RH Max (%)	70	81	80	89	83
RH Min (%)	35	40	37	39	40
Wind Speed (Kmph)	6	5	6	6	6
Wind Direction (deg)	333	18	330	11	23

Agromet Advisory

General advisory:

Harvest the early/medium duration rice crops which are at their physiological maturity stage and keep the harvested produce at safer place. Harvest matured kharif Maize, pulses and other vegetables. They should resume fertilizer, chemical application as well as irrigation activities from today onwards 4-5 days.

Kharif Rice

Maximum paddy crops are now mostly in panicle initiation to flowering stage. Moisture Stress during this stage will lead to decrease in yield. As weather to remain mostly dry in upcoming 3 days, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature in past days, there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200 liter water for one acre.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area.
- If **Brown Plant Hopper (BPH) infestation** will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water.**
- 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 @ 1g/liter. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC@ 2ml/liter of water. . For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC@ 2ml/liter of water.**

Maize:

- Maize is at cob development and harvesting stage. Harvest the matured maize in dry days based upon forecast of rain. There may be Aphids and Thrips infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200 liter water for one acre. To control stem borer apply fipronil 5SC 400ml/acre in 200 liter water.

VEGETABLES:

- Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish.**
- Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.
- To prevent **damping off disease** in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water.
- If **whitefly** will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water.
- The dry weather favors infestation of **Tobacco caterpillar**, to control this apply 1ml/10 liter water.

Animal husbandry:

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DrRanjan Kumar Mohanta
(Nodal officer)



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Debasish Jena
SMS (Agrometeorology)
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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



Bulletin No.-448
Date- 27/10/2023

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 0mm & district received average 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was **31.42°C (-0.92°C from normal)** and **23.14°C (+1.77°C from normal)** respectively. Mean relative humidity of the district was around 74-78%.

Forecasted period: Today(8.30IST) to 01st November (8.30IST)2023

Weather advisory: Dry weather is forecasted in between upcoming 5 days in the block. The day temperature will be 32°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-87% and 35-45% 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	27/10/2023	28/10/2023	29/10/2023	30/10/2023	31/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	32
T-Min(°C)	22	23	22	22	21
Cloud Cover	0	3	1	0	2
RH Max (%)	87	87	86	82	80
RH Min (%)	35	45	38	39	41
Wind Speed (Kmph)	6	6	7	6	8
Wind Direction (deg)	315	293	338	360	18

Agromet Advisory

General advisory:

Harvest the early/medium duration rice crops which are at their physiological maturity stage and keep the harvested produce at safer place. Harvest matured kharif Maize, pulses and other vegetables. They should resume fertilizer, chemical application as well as irrigation activities from today onwards 4-5 days.

Kharif Rice

Maximum paddy crops are now mostly in panicle initiation to flowering stage. Moisture Stress during this stage will lead to decrease in yield. As weather to remain mostly dry in upcoming 3 days, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature in past days, there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area.
- If **Brown Plant Hopper (BPH) infestation** will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water.**
- 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 @ 1g/liter. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. . For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water.**

Maize:

- Maize is at cob development and harvesting stage. Harvest the matured maize in dry days based upon forecast of rain. There may be Aphids and Thrips infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. To control stem borer apply fipronil 5SC 400ml/acre in 200 litre water.

VEGETABLES:

- Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish.**
- Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.
- To prevent **damping off disease** in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water.
- If **whitefly** will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water.
- The dry weather favors infestation of **Tobacco caterpillar**, to control this apply 1ml/10 litre water.

Animal husbandry:

Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

DrRanjan Kumar Mohanta
 (Nodal officer)



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AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR



Bulletin No.-448

Date- 27/10/2023

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

The block received average 0mm & district received average 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was **31.42°C (-0.92°C from normal)** and **23.14°C (+1.77°C from normal)** respectively. Mean relative humidity of the district was around 74-78%.

Forecasted period: Today(8.30IST) to 01st November (8.30IST)2023

Weather advisory: Dry weather is forecasted in between upcoming 5 days in the block. The day temperature will be 32°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-88% and 35-44% 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	27/10/2023	28/10/2023	29/10/2023	30/10/2023	31/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	32
T-Min(°C)	22	23	22	22	21
Cloud Cover(octa)	0	2	1	0	2
RH Max (%)	85	87	88	81	81
RH Min (%)	35	44	37	39	41
Wind Speed (Kmph)	6	5	6	6	7
Wind Direction (deg)	295	297	338	360	18

Agromet Advisory

General advisory: Harvest the early/medium duration rice crops which are at their physiological maturity stage and keep the harvested produce at safer place. Harvest matured kharif Maize, pulses and other vegetables. They should resume fertilizer, chemical application as well as irrigation activities from today onwards 4-5 days.

Kharif Rice

Maximum paddy crops are now mostly in panicle initiation to flowering stage. Moisture Stress during this stage will lead to decrease in yield. As weather to remain mostly dry in upcoming 3 days, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature in past days, there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area.
- If **Brown Plant Hopper (BPH) infestation** will observe in rice, go for alternate wetting and drying. Make a gape after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water.**
- 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 @ 1g/liter. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. . For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water.**

Sugarcane:

- Prevailing hot weather favours the infestation of Mites, Mealy bug, Whitefly and scale insect in sugarcane. If mites will be found the spray spiromesifen 22.9%SC 1ml/litre of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. To control scale insects apply Dimethoate 2ml/litre water or methyl demeton 2ml/litre water. To control white fly go for spraying of Thiamethoxam 40 gram in 200litre water for one acre.

VEGETABLES:

- Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish.**
- Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.
- Sow the seeds of tomato in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.
- To prevent **damping off disease** in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water.
- If **whitefly** will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water.
- The dry weather favors infestation of **Tobacco caterpillar**, to control this apply 1ml/10 litre water.

Animal husbandry:

- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

DrRanjan Kumar Mohanta
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR KANTAPADA



Bulletin No.-448

Date- 27/10/2023

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

The block received average 0mm & district received average 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was **31.42°C (-0.92°C from normal)** and **23.14°C (+1.77°C from normal)** respectively. Mean relative humidity of the district was around 74-78%.

Forecasted period: Today(8.30IST) to 01st November (8.30IST)2023

Weather advisory: Dry weather is forecasted in between upcoming 5 days in the block. The day temperature will be 32°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-89% and 36-45% 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	27/10/2023	28/10/2023	29/10/2023	30/10/2023	31/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	32
T-Min(°C)	22	23	23	22	21
Cloud Cover(octa)	0	4	1	0	1
RH Max (%)	89	86	86	78	79
RH Min (%)	36	45	39	40	42
Wind Speed (Kmph)	6	6	6	7	9
Wind Direction (deg)	158	293	158	345	18

Agromet Advisory

- General advisory:** Harvest the early/medium duration rice crops which are at their physiological maturity stage and keep the harvested produce at safer place. Harvest matured kharif Maize, pulses and other vegetables. They should resume fertilizer, chemical application as well as irrigation activities from today onwards 4-5 days.

Kharif Rice

Maximum paddy crops are now mostly in panicle initiation to flowering stage. Moisture Stress during this stage will lead to decrease in yield. As weather to remain mostly dry in upcoming 3 days, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature in past days, there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200 liter water for one acre.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area.
- If **Brown Plant Hopper (BPH) infestation** will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water.**
- 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 @ 1g/liter. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25% EC @ 2ml/liter of water. . For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25% EC @ 2ml/liter of water.**

Sugarcane:

- Prevailing hot weather favours the infestation of **Mites, Mealy bug, Whitefly and scale insect** in sugarcane. If mites will be found the spray spiromesifen 22.9% SC 1ml/litre of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200 liter water for one acre. To control scale insects apply Dimethoate 2ml/litre water or methyl demeton 2ml/litre water. To control white fly go for spraying of Thiamethoxam 40 gram in 200 liter water for one acre.

VEGETABLES:

- Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish.**
- Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.
- To prevent **damping off disease** in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water.
- If **whitefly** will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water.
- The dry weather favors infestation of **Tobacco caterpillar**, to control this apply 1ml/10 litre water.

Animal husbandry:

Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

DrRanjan Kumar Mohanta
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR MAHANGA



Bulletin No.-448

Date- 27/10/2023

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

The block received average 0mm & district received average 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was **31.42°C (-0.92°C from normal)** and **23.14°C (+1.77°C from normal)** respectively. Mean relative humidity of the district was around 74-78%.

Forecasted period: Today(8.30IST) to 01st November (8.30IST)2023

Weather advisory: Dry weather is forecasted in between upcoming 5 days in the block. The day temperature will be and it will be 32-33°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will 74-88% and 36-46% respectively. There will be clear to partly cloudy for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/10/2023	28/10/2023	29/10/2023	30/10/2023	31/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	32	32	32	32
T-Min(°C)	23	23	22	22	21
Cloud Cover(octal)	0	3	1	0	2
RH Max (%)	88	88	87	74	80
RH Min (%)	36	46	38	40	43
Wind Speed (Kmph)	6	6	7	7	8
Wind Direction (deg)	296	23	338	360	23

Agro-met Advisory

General advisory: Harvest the early/medium duration rice crops which are at their physiological maturity stage and keep the harvested produce at safer place. Harvest matured kharif Maize, pulses and other vegetables. They should resume fertilizer, chemical application as well as irrigation activities from today onwards 4-5 days.

Kharif Rice

Maximum paddy crops are now mostly in panicle initiation to flowering stage. Moisture Stress during this stage will lead to decrease in yield. As weather to remain mostly dry in upcoming 3 days, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature in past days, there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area.
- If **Brown Plant Hopper (BPH) infestation** will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water.**
- 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 @ 1g/liter. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC@ 2ml/liter of water. . For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC@ 2ml/liter of water.**

Sugarcane:

- Prevailing hot weather favours the infestation of **Mites, Mealy bug, Whitefly and scale insect** in sugarcane. If mites will be found the spray spiromesifen 22.9%SC 1ml/litre of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. To control scale insects apply Dimethoate 2ml/litre water or methyl demeton 2ml/litre water. To control white fly go for spraying of Thiamethoxam 40 gram in 200litre water for one acre.

VEGETABLES:

- Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish.**
- Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.
- To prevent **damping off disease** in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water.
- If **whitefly** will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water.
- The dry weather favors infestation of **Tobacco caterpillar**, to control this apply 1ml/10 litre water.

Animal husbandry:

- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-448

Date- 27/10/2023

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

The block received average 0mm & district received average 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was **31.42°C (-0.92°C from normal)** and **23.14°C (+1.77°C from normal)** respectively. Mean relative humidity of the district was around 74-78%.

Forecasted period: Today(8.30IST) to 01st November (8.30IST)2023

Weather advisory: Dry weather is forecasted in between upcoming 5 days in the block. The day temperature will be 31-32°C and night temperature will be 19-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 59-85% and 33-38% respectively.

There will be clear to partly cloudy for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/10/2023	28/10/2023	29/10/2023	30/10/2023	31/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	32	32	32	32
T-Min(°C)	19	19	19	20	20
Cloud Cover(/octa)	0	0	0	1	2
RH Max (%)	59	69	71	85	85
RH Min (%)	33	35	35	36	38
Wind Speed (Kmph)	5	4	4	4	4
Wind Direction (deg)	338	11	19	18	23

Agromet Advisory

General advisory:

Harvest the early/medium duration rice crops which are at their physiological maturity stage and keep the harvested produce at safer place. Harvest matured kharif Maize, pulses and other vegetables. They should resume fertilizer, chemical application as well as irrigation activities from today onwards 4-5 days.

Kharif Rice

Maximum paddy crops are now mostly in panicle initiation to flowering stage. Moisture Stress during this stage will lead to decrease in yield. As weather to remain mostly dry in upcoming 3 days, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature in past days, there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200 liter water for one acre.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area.
- If **Brown Plant Hopper (BPH) infestation** will observe in rice, go for alternate wetting and drying. Make a gape after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water.**
- 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 @ 1g/liter. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25% EC @ 2ml/liter of water. . For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25% EC @ 2ml/liter of water.**

Maize:

- Maize is at cob development and harvesting stage. Harvest the matured maize in dry days based upon forecast of rain. There may be Aphids and Thrips infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200 liter water for one acre. To control stem borer apply fipronil 5SC 400ml/acre in 200 liter water.

VEGETABLES:

- Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish.**
- Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.
- To prevent **damping off disease** in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water.
- If **whitefly** will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water.
- The dry weather favors infestation of **Tobacco caterpillar**, to control this apply 1ml/10 liter water.

Animal husbandry:

- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

DrRanjan Kumar Mohanta
(Nodal officer)



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GRAMIN KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
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Bulletin No.-448
Date- 27/10/2023

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 0mm & district received average 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was **31.42°C (-0.92°C from normal)** and **23.14°C (+1.77°C from normal)** respectively. Mean relative humidity of the district was around 74-78%.

Forecasted period: Today(8.30IST) to 01st November (8.30IST)2023

Weather advisory: Dry weather is forecasted in between upcoming 5 days in the block. The day temperature will be 32-33°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-89% and 38-44% 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	27/10/2023	28/10/2023	29/10/2023	30/10/2023	31/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	32	32	32	32
T-Min(°C)	22	23	23	22	21
Cloud Cover(octa)	0	4	2	0	1
RH Max (%)	89	86	84	78	80
RH Min (%)	38	44	40	40	43
Wind Speed(Kmph)	6	7	6	7	9
Wind Direction(deg)	158	293	342	338	45

Agromet Advisory

- General advisory:** Harvest the early/medium duration rice crops which are at their physiological maturity stage and keep the harvested produce at safer place. Harvest matured kharif Maize, pulses and other vegetables. They should resume fertilizer, chemical application as well as irrigation activities from today onwards 4-5 days.

Kharif Rice

Maximum paddy crops are now mostly in panicle initiation to flowering stage. Moisture Stress during this stage will lead to decrease in yield. As weather to remain mostly dry in upcoming 3 days, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature in past days, there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area.
- If **Brown Plant Hopper (BPH) infestation** will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water.**
- 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 @ 1g/liter. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. . For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water.**

Sugarcane:

- Prevailing hot weather favours the infestation of Mites, Mealy bug, Whitefly and scale insect in sugarcane. If mites will be found the spray spiromesifen 22.9%SC 1ml/litre of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. To control scale insects apply Dimethoate 2ml/litre water or methyl demeton 2ml/litre water. To control white fly go for spraying of Thiamethoxam 40 gram in 200litre water for one acre.

VEGETABLES:

- Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish.**
- Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.
- To prevent **damping off disease** in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water.
- If **whitefly** will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water.
- The dry weather favors infestation of **Tobacco caterpillar**, to control this apply 1ml/10 litre water.
- Animal husbandry:**
- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

DrRanjan Kumar Mohanta
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 0.3mm & district received average 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was **31.42°C (-0.92°C from normal)** and **23.14°C (+1.77°C from normal)** respectively. Mean relative humidity of the district was around 74-78%.

Forecasted period: Today(8.30IST) to 01st November (8.30IST)2023

Weather advisory: Dry weather is forecasted in between upcoming 5 days in the block. The day temperature will be 32-33°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-89% and 37-46% respectively. There will be clear to partly cloudy for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	27/10/2023	28/10/2023	29/10/2023	30/10/2023	31/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	32	32	32	32
T-Min(°C)	23	23	23	22	21
Cloud Cover(octa)	0	4	1	0	1
RH Max (%)	89	88	88	75	80
RH Min (%)	37	46	38	40	43
Wind Speed (Kmph)	6	6	7	8	8
Wind Direction (deg)	296	288	338	360	23

Agromet Advisory

General advisory: Harvest the early/medium duration rice crops which are at their physiological maturity stage and keep the harvested produce at safer place. Harvest matured kharif Maize, pulses and other vegetables. They should resume fertilizer, chemical application as well as irrigation activities from today onwards 4-5 days.

Kharif Rice

Maximum paddy crops are now mostly in panicle initiation to flowering stage. Moisture Stress during this stage will lead to decrease in yield. As weather to remain mostly dry in upcoming 3 days, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature in past days, there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area.
- If **Brown Plant Hopper (BPH) infestation** will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- **Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water.**
- **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 @ 1g/liter. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. . For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water.**

Sugarcane:

- Prevailing hot weather favours the infestation of Mites, Mealy bug, Whitefly and scale insect in sugarcane. If mites will be found the spray spiromesifen 22.9%SC 1ml/litre of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. To control scale insects apply Dimethoate 2ml/litre water or methyl demeton 2ml/litre water. To control white fly go for spraying of Thiamethoxam 40 gram in 200litre water for one acre.

VEGETABLES:

- **Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish.**
- Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.
- To prevent **damping off disease** in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water.
- If **whitefly** will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water.
- The dry weather favors infestation of **Tobacco caterpillar**, to control this apply 1ml/10 litre water.

Animal husbandry:

- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-448

Date- 27/10/2023

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 0mm & district received average 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was **31.42°C (-0.92°C from normal)** and **23.14°C (+1.77°C from normal)** respectively. Mean relative humidity of the district was around 74-78%.

Forecasted period: Today(8.30IST) to 01st November (8.30IST)2023

Weather advisory:: Dry weather is forecasted in between upcoming 5 days in the block. The day temperature will be 32°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-89% and 36-46% 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	27/10/2023	28/10/2023	29/10/2023	30/10/2023	31/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	32
T-Min(°C)	23	23	23	22	21
Cloud Cover(octa)	0	4	1	0	2
RH Max (%)	89	88	88	75	79
RH Min (%)	36	46	38	40	43
Wind Speed (Kmph)	6	6	7	7	8
Wind Direction (deg)	296	293	338	360	23

Agromet Advisory

General advisory:

- Harvest the early/medium duration rice crops which are at their physiological maturity stage and keep the harvested produce at safer place. Harvest matured kharif Maize, pulses and other vegetables. They should resume fertilizer, chemical application as well as irrigation activities from today onwards 4-5 days.

Kharif Rice

Maximum paddy crops are now mostly in panicle initiation to flowering stage. Moisture Stress during this stage will lead to decrease in yield. As weather to remain mostly dry in upcoming 3 days, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature in past days, there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200 liter water for one acre.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area.
- If **Brown Plant Hopper (BPH) infestation** will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water.**
- 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 @ 1g/liter. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25% EC @ 2ml/liter of water. . For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25% EC @ 2ml/liter of water.**

Maize:

- Maize is at cob development and harvesting stage. Harvest the matured maize in dry days based upon forecast of rain. There may be Aphids and Thrips infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200 liter water for one acre. To control stem borer apply fipronil 5SC 400ml/acre in 200 liter water.

VEGETABLES:

- Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish.**
- Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.
- To prevent **damping off disease** in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water.
- If **whitefly** will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water.
- The dry weather favors infestation of **Tobacco caterpillar**, to control this apply 1ml/10 liter water.
- Animal husbandry:**
- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-448

Date- 27/10/2023

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 0.1mm & district received average 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was **31.42°C (-0.92°C from normal)** and **23.14°C (+1.77°C from normal)** respectively. Mean relative humidity of the district was around 74-78%.

Forecasted period: Today(8.30IST) to 01st November (8.30IST)2023

Weather advisory: Dry weather is forecasted in between upcoming 5 days in the block. The day temperature will be 31-32°C and night temperature will be 22-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-89% and 44-50% 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	27/10/2023	28/10/2023	29/10/2023	30/10/2023	31/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	31	32	31	31
T-Min(°C)	23	23	23	22	22
Cloud Cover(octa)	2	3	2	0	0
RH Max (%)	89	85	84	73	81
RH Min (%)	49	48	44	44	50
Wind Speed (Kmph)	8	8	7	10	10
Wind Direction (deg)	113	108	120	56	54

Agromet Advisory

General advisory:

- Harvest the early/medium duration rice crops which are at their physiological maturity stage and keep the harvested produce at safer place. Harvest matured kharif Maize, pulses and other vegetables. They should resume fertilizer, chemical application as well as irrigation activities from today onwards 4-5 days.

Kharif Rice

Maximum paddy crops are now mostly in panicle initiation to flowering stage. Moisture Stress during this stage will lead to decrease in yield. As weather to remain mostly dry in upcoming 3 days, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature in past days, there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area.
- If **Brown Plant Hopper (BPH) infestation** will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water.
- 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 @ 1g/liter. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. . For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water.

Maize:

- Maize is at cob development and harvesting stage. Harvest the matured maize in dry days based upon forecast of rain. There may be Aphids and Thrips infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litre water for one acre. To control stem borer apply fipronil 5SC 400ml/acre in 200 litre water.

VEGETABLES:

- Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish.
- Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.
- Sow the seeds of tomato in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor for sucking insect pests such as white fly, leaf hopper and aphid in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.
- To prevent damping off disease in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water.
- If whitefly will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water.
- The dry weather favors infestation of Tobacco caterpillar, to control this apply 1ml/10 litre water.

Animal husbandry:

- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-448
Date- 27/10/2023

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 0mm & district received average 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was **31.42°C (-0.92°C from normal) and 23.14°C (+1.77°C from normal)** respectively. Mean relative humidity of the district was around 74-78%.

Forecasted period: Today(8.30IST) to 01st November (8.30IST)2023

Weather advisory: Dry weather is forecasted in between upcoming 5 days in the block. The day temperature will be 32°C and night temperature will be 21°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-89% and 36-41% 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	27/10/2023	28/10/2023	29/10/2023	30/10/2023	31/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	32	32	32	32	32
T-Min(°C)	21	21	21	21	21
Cloud Cover(octa)	0	0	0	0	1
RH Max (%)	68	80	81	89	84
RH Min (%)	36	41	38	40	41
Wind Speed (Kmph)	6	5	6	6	6
Wind Direction (deg)	333	360	338	11	360

Agro met Advisory

General advisory:

- Harvest the early/medium duration rice crops which are at their physiological maturity stage and keep the harvested produce at safer place. Harvest matured kharif Maize, pulses and other vegetables. They should resume fertilizer, chemical application as well as irrigation activities from today onwards 4-5 days.

Kharif Rice

Maximum paddy crops are now mostly in panicle initiation to flowering stage. Moisture Stress during this stage will lead to decrease in yield. As weather to remain mostly dry in upcoming 3 days, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature in past days, there may be infestation of **mealy bug** in upland rice. To control this spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200 liter water for one acre.
- Current weather favors **Bacterial leaf streak infestation** in rice, apply Streptomycin sulphate (9%) + Tetracycline hydrochloride (1%) @ 200 g/acre along with Copper oxychloride @ 200g/acre. Use 200 litre solution for one acre area.
- If **Brown Plant Hopper (BPH) infestation** will observe in rice, go for alternate wetting and drying. Make a gap after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field.
- Chances of gundhi bug incidence for crop at flowering stage. If observe spray Ethofenprox 10% EC @ 1 ml/litre of water.**
- 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 @ 1g/liter. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. . For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water.**

Maize:

- Maize is at cob development and harvesting stage. Harvest the matured maize in dry days based upon forecast of rain. There may be Aphids and Thrips infestation, then Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200 liter water for one acre. To control stem borer apply fipronil 5SC 400ml/acre in 200 liter water.

VEGETABLES:

- Now the weather and soil moisture is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol and radish.**
- Fully decomposed FYM or compost should be added before sowing of vegetable. Transplant 35-40 days old seedlings in the main field.
- Sow the seeds of **tomato** in nursery bed; farmers who have already raised the seedlings, may transplant them at a distance of 60 cm (row to row) and 40 cm (plant to plant) for HYV and for hybrid variety maintain the distance 60 x 60 cm.
- Monitor for sucking insect pests such as **white fly, leaf hopper and aphid** in vegetables nursery; to control, spray Imidacloprid @ 0.3ml/litre of water. Carry out transplanting of brinjal, tomato and chilli on raised bed.
- To prevent **damping off disease** in cabbage/Cauliflower nursery, treat 1 kg of seeds with 2-3 g Captan 75% WS or 2 g Carbendazim 50% WP before sowing; after sowing, drench the bed soil with 3 g Metalaxyl M 4% + Mancozeb 64% WP mixed in 1 litre of water.
- If **whitefly** will found in vegetative stage then to control spray Imidacloprid @ 0.3ml/litre of water.
- The dry weather favors infestation of **Tobacco caterpillar**, to control this apply 1ml/10 liter water.
- Animal husbandry:**
- Vaccinate calves above 3 months and sheep and goat above two months against Foot and Mouth disease. Provide dry and clean shelter to the animals. Provide sufficient clean drinking water to the animals.

DrRanjan Kumar Mohanta
(Nodal officer)



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GRAMIN KRISHI MAUSAM SEWA
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 Date- 27/10/2023

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

- Kindly install and use **“Meghdoot mobile App”** for Cuttack district weather forecast, warnings and weather based agromet advisory services.
<https://play.google.com/store/apps/details?id=com.aas.meghdoot>
- Kindly install and use **“Damini mobile App”** for location specific for lightening forecast and warnings.
<https://play.google.com/store/apps/details?id=com.lightening.live.damini>
- Follow the **block specific whats app groups** and join in your block wise groups for getting weather based agromet advisory services twice in a week (Tuesday and Friday) and other weather warning based farm management advisories.
- Follow the **Official Website links** to get the weather based agromet advisory service bulletins (**English & Odia**) twice in a week (Tuesday and Friday).

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

DrRanjan 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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