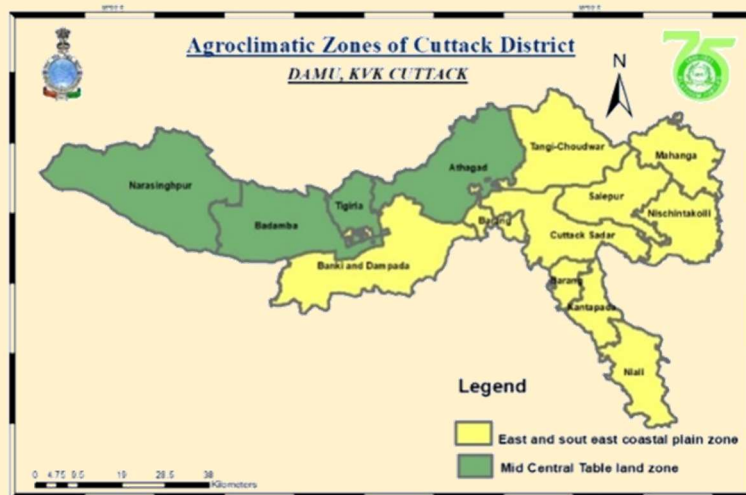




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Tuesday, 17th October, 2023
(For the period 17th October to 21st
October, 2023)*



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



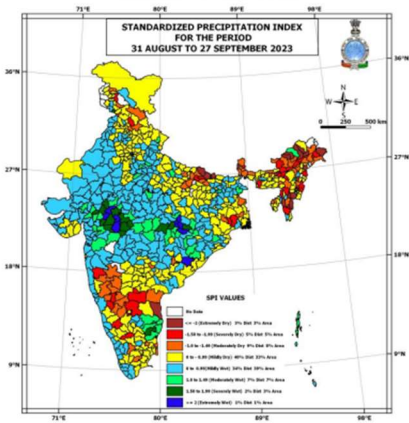
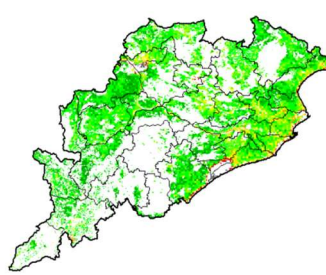


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Bulletin No.-445
Date- 17/10/2023

STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p style="text-align: center;">Standardised Precipitation Index for the period 31st August to 27th September 2023</p> 	<p style="text-align: center;">NOAA/VIIIRS/BLENDED NDVI Composite ending on Week no 41 (08.10.2023 to 14.10.2023) over Agricultural region</p> <p style="text-align: center;">Odisha</p>  <p style="text-align: center;">Agriculture vigour is good at few places of the state.</p>
<p>As per SPI value (cumulative 4weeks - 31August to27 September 2023), Mildly wet condition was there in Cuttack district.</p>	<p>According to NDVI map (08.10.2023 to 14.10.2023) 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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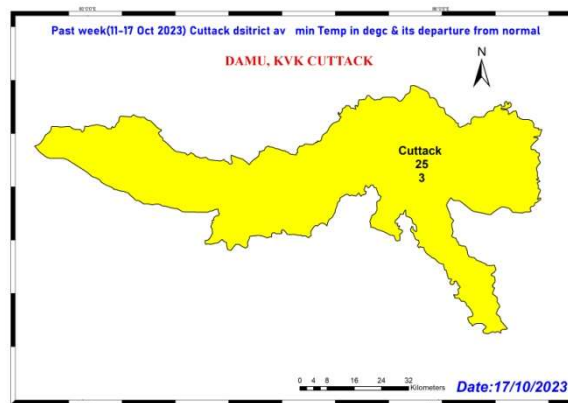
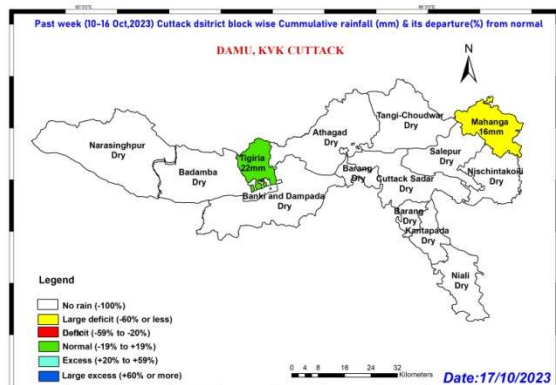
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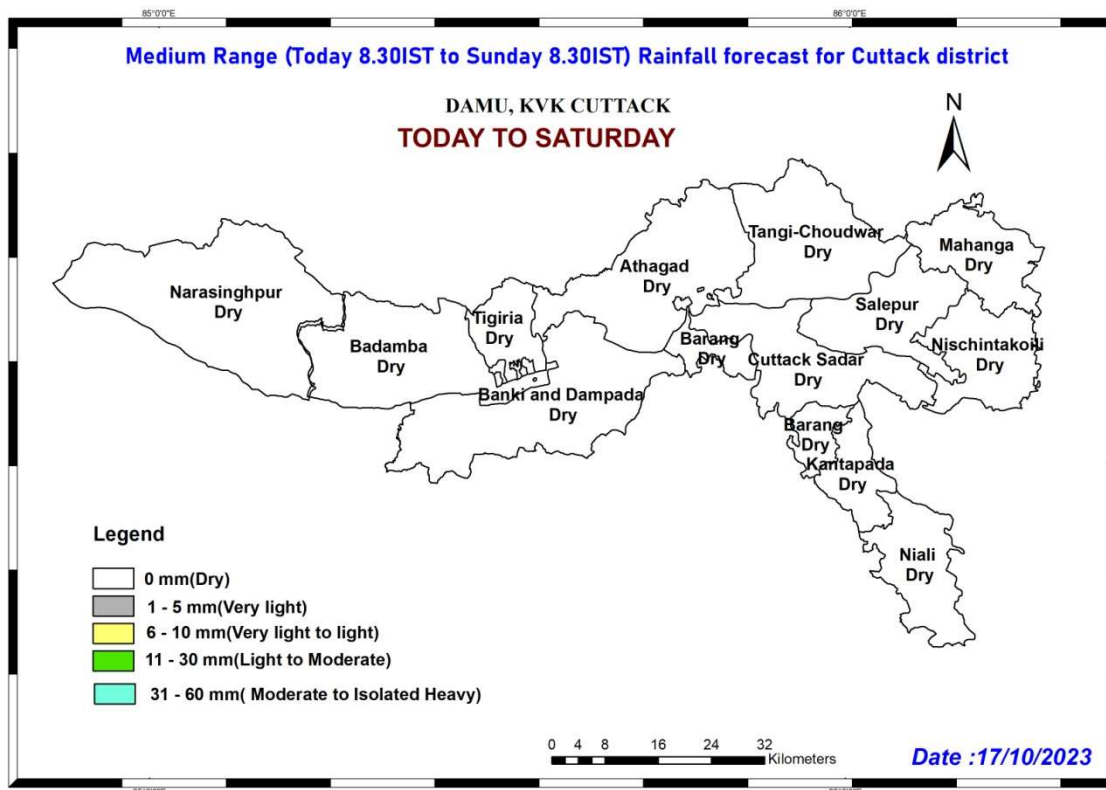
Bulletin No.-445

Date- 17/10/2023

Past week (10-16 October, 2023) cumulative rainfall (mm) & its departure% from normal and 11-17 October 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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Bulletin No.-445
 Date- 17/10/2023

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (22-28 October 2023) after 5 days				
Odisha	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall (mm)	1.89	1.76	7.87	Below Normal
	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature (°C)	32.26	31.17	1.09	Normal
	Minimum temperature (°C)	21.46	20.57	0.89	Normal

***Agromet Advisory based upon subsequent week extended range forecast:-** There will be **normal rainfall is forecasted in the subsequent week (22-28 October, 2023) after 5 days in Odisha condition**, so farmer should pause irrigation activities in the subsequent week. They should start land preparation and sowing of pre-rabi vegetables like cabbage, cauliflower, potato, tomato, raddish, carrot, pea by utilization of soil moisture associated with anticipated rain.

DrRanjan Kumar Mohanta
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Bulletin No.-445
Date- 17/10/2023

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		Leaf streak
				Mealy bug
				Hispa
				Caseworm
				BPH
				Gundhi Bug
2	Sugarcane	4-5 month old		Mealy bug
				Scales
				White fly

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3	Maize	Cob development stage		Aphid/thrips
				Stem borer
4	Vegetables			Aphid
				Leaf hopper
				White fly
5	Cabbage/Cauliflower	Seedling to vegetative Stage		Damping off
				White fly
				Tobacco caterpillar

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Bulletin No.-445

Date- 17/10/2023

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

The block received average 0mm& district received average 0.36 mm rainfall during the last week. The mean daily maximum and minimum temperature was **34.8°C (+2.1°C from normal)** and **25.4°C (+2.6°C from normal)**, respectively. Mean relative humidity of the district was around 70-77%.

Forecasted period: Today(8.30IST) to 22th October (8.30IST)2023

Weather advisory: *Dry weather is forecasted in between upcoming 5 days in the block.* The day temperature will be 33-34°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-89% and 43-50% respectively. There will be clear to partly cloudy for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/10/2023	18/10/2023	19/10/2023	20/10/2023	21/10/2023
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	34	34	34	33	33
T-Min (°C)	24	24	24	23	22
Cloud Cover (octa)	3	2	1	2	0
RH Max (%)	86	89	86	85	74
RH Min (%)	45	48	45	50	43
Wind Speed (kmph)	6	6	6	7	8
Wind Direction (deg)	360	349	360	23	351

Agromet Advisory

General advisory: As slight increase in temperature condition is forecasted in between upcoming 2-3 days and as the rice is at panicle initiation to flowering stage so farmers should maintain 5-10cm water level during the critical stage. Plug the holes in rice field and strengthen the field bunds. Farmers should continue irrigation, pesticide and fertilizer application activities and should start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilization of past rainfall associated soil moisture.

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, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature 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.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.
- 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 Ethofenoprox 10% EC @ 1 ml/litre 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.
- Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.
- 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.-445
Date- 17/10/2023

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 0.36 mm rainfall during the last week. The mean daily maximum and minimum temperature was **34.8°C (+2.1°C from normal)** and **25.4°C (+2.6°C from normal)**, respectively. Mean relative humidity of the district was around 70-77%.

Forecasted period: Today(8.30IST) to 22th October (8.30IST)2023

Weather advisory: Dry weather is forecasted in between upcoming 5 days in the block. The day temperature will be 33-34°C and night temperature will be 20-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-89% and 43-51% 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	17/10/2023	18/10/2023	19/10/2023	20/10/2023	21/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	34	34	33	33
T-Min(°C)	23	23	23	23	20
Cloud Cover(octa)	3	1	1	2	0
RH Max (%)	81	88	89	86	75
RH Min (%)	44	45	45	51	43
Wind Speed (Kmph)	6	6	6	7	8
Wind Direction (deg)	23	18	360	360	343

Agromet Advisory

General advisory: As slight increase in temperature condition is forecasted in between upcoming 2-3 days and as the rice is at panicle initiation to flowering stage so farmers should maintain 5-10cm water level during the critical stage. Plug the holes in rice field and strengthen the field bunds. Farmers should continue irrigation, pesticide and fertilizer application activities and should start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilization of past rainfall associated soil moisture.

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, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature 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 200ltr water for one acre.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.
- 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.**

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 200ltr 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.
- Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.
- 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.
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- 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.-445
Date- 17/10/2023

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The block district received average 0.36 mm rainfall during the last week. The mean daily maximum and minimum temperature was **34.8°C** (+2.1°C from normal) and **25.4°C** (+2.6°C from normal), respectively. Mean relative humidity of the district was around 70-77%.

Forecasted period: Today(8.30IST) to 22th October (8.30IST)2023

Weather advisory: Dry weather is forecasted in between upcoming 5 days in the block. The day temperature will be **33-34°C** and night temperature will be **21-24°C** for upcoming 5 days. Maximum and minimum relative humidity will be 75-88% and 43-50% 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	17/10/2023	18/10/2023	19/10/2023	20/10/2023	21/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	34	34	33	33
T-Min(°C)	24	24	23	23	21
Cloud Cover(octa)	3	2	1	2	0
RH Max (%)	84	88	87	87	75
RH Min (%)	44	46	45	50	43
Wind Speed (Kmph)	7	6	7	7	8
Wind Direction (deg)	18	18	360	23	343

Agromet Advisory

General advisory: As slight increase in temperature condition is forecasted in between upcoming 2-3 days and as the rice is at panicle initiation to flowering stage so farmers should maintain 5-10cm water level during the critical stage. Plug the holes in rice field and strengthen the field bunds. Farmers should continue irrigation, pesticide and fertilizer application activities and should start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilization of past rainfall associated soil moisture.

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, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

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Maize:

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VEGETABLES:

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Bulletin No.-445

Date- 17/10/2023

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 0.36 mm rainfall during the last week. The mean daily maximum and minimum temperature was **34.8°C (+2.1°C from normal)** and **25.4°C (+2.6°C from normal)**, respectively. Mean relative humidity of the district was around 70-77%.

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Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/10/2023	18/10/2023	19/10/2023	20/10/2023	21/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	34	34	33	33
T-Min(°C)	24	24	23	23	21
Cloud Cover(octa)	3	2	2	2	0
RH Max (%)	85	88	87	87	74
RH Min (%)	44	46	45	50	43
Wind Speed (Kmph)	7	6	7	7	8
Wind Direction (deg)	18	18	360	23	351

Agromet Advisory

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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, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature 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 200ltr water for one acre.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.
- 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.**

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 200ltr 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.
- Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.
- 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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Debasish Jena

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DISTRICT AGROMET UNIT
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Bulletin No.-445
Date- 17/10/2023

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 0.36 mm rainfall during the last week. The mean daily maximum and minimum temperature was **34.8°C (+2.1°C from normal)** and **25.4°C (+2.6°C from normal)**, respectively. Mean relative humidity of the district was around 70-77%.

Forecasted period: Today(8.30IST) to 22th October (8.30IST)2023

Weather advisory: Dry weather is forecasted in between upcoming 5 days in the block. The day temperature will be 33-34°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-87% and 43-50% respectively. There will be clear to partly cloudy for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/10/2023	18/10/2023	19/10/2023	20/10/2023	21/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	34	33	33	33
T-Min(°C)	25	24	24	24	22
Cloud Cover	4	3	3	4	1
RH Max (%)	87	87	82	83	73
RH Min (%)	48	50	46	49	43
Wind Speed (Kmph)	7	6	8	8	10
Wind Direction (deg)	30	360	360	15	23

Agromet Advisory

General advisory: As slight increase in temperature condition is forecasted in between upcoming 2-3 days and as the rice is at panicle initiation to flowering stage so farmers should maintain 5-10cm water level during the critical stage. Plug the holes in rice field and strengthen the field bunds. Farmers should continue irrigation, pesticide and fertilizer application activities and should start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilization of past rainfall associated soil moisture.

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, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature 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.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.
- 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.**

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.
- Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.
- 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.-445

Date- 17/10/2023

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 0mm& district received average 0.36 mm rainfall during the last week. The mean daily maximum and minimum temperature was **35°C (+2.1°C from normal)** and **25.4°C (+2.6°C from normal)**, respectively. Mean relative humidity of the district was around 70-77%.

Forecasted period: Today(8.30IST) to 22th October (8.30IST)2023

Weather advisory: Dry weather is forecasted in between upcoming 5 days in the block. The day temperature will be **33-34°C** and night temperature will be **22-25°C** for upcoming 5 days. Maximum and minimum relative humidity will be 72-88% and 42-50% 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	17/10/2023	18/10/2023	19/10/2023	20/10/2023	21/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	34	33	33	33
T-Min(°C)	25	24	24	24	22
Cloud Cover(octa)	4	2	2	3	0
RH Max (%)	88	87	83	82	72
RH Min (%)	45	50	45	49	42
Wind Speed (Kmph)	7	6	7	7	9
Wind Direction (deg)	30	338	360	360	360

Agromet Advisory

General advisory: As slight increase in temperature condition is forecasted in between upcoming 2-3 days and as the rice is at panicle initiation to flowering stage so farmers should maintain 5-10cm water level during the critical stage. Plug the holes in rice field and strengthen the field bunds. Farmers should continue irrigation, pesticide and fertilizer application activities and should start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilization of past rainfall associated soil moisture.

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, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature 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.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.
- 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.**

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.
- Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.
- 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.-445

Date- 17/10/2023

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

The block received average 0mm& district received average 0.36 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35°C (+2.1°C from normal) and 25.4°C (+2.6°C from normal), respectively. Mean relative humidity of the district was around 70-77%.

Forecasted period: Today(8.30IST) to 22th October (8.30IST)2023

Weather advisory: Dry weather is forecasted in between upcoming 5 days in the block. The day temperature will be 33-34°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-87% and 44-50% 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	17/10/2023	18/10/2023	19/10/2023	20/10/2023	21/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	33	33	33	33
T-Min(°C)	25	24	24	24	22
Cloud Cover(octa)	4	4	5	4	3
RH Max (%)	87	85	81	83	73
RH Min (%)	48	50	48	50	44
Wind Speed (Kmph)	7	6	8	8	11
Wind Direction (deg)	15	360	105	349	23

Agromet Advisory

General advisory: As slight increase in temperature condition is forecasted in between upcoming 2-3 days and as the rice is at panicle initiation to flowering stage so farmers should maintain 5-10cm water level during the critical stage. Plug the holes in rice field and strengthen the field bunds. Farmers should continue irrigation, pesticide and fertilizer application activities and should start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilization of past rainfall associated soil moisture.

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, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature 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.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/acre in 200 liter water.
- 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.**

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.
- Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.
- 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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AGROMET ADVISORY BULLETIN FOR MAHANGA



Bulletin No.-445

Date- 17/10/2023

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

The block received average 2.3mm& district received average 0.36 mm rainfall during the last week. The mean daily maximum and minimum temperature was **35°C (+2.1°C from normal)** and **25.4°C (+2.6°C from normal)**, respectively. Mean relative humidity of the district was around 70-77%.

Forecasted period: Today(8.30IST) to 22th October (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 33-34°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will 71-87% and 43-51% 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	17/10/2023	18/10/2023	19/10/2023	20/10/2023	21/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	33	33	33	33
T-Min(°C)	25	24	24	23	22
Cloud Cover(octal)	4	3	3	3	1
RH Max (%)	87	84	79	79	71
RH Min (%)	48	51	47	50	43
Wind Speed (Kmph)	8	6	8	8	10
Wind Direction (deg)	30	338	105	349	360

Agro-met Advisory

General advisory: As slight increase in temperature condition is forecasted in between upcoming 2-3 days and as the rice is at panicle initiation to flowering stage so farmers should maintain 5-10cm water level during the critical stage. Plug the holes in rice field and strengthen the field bunds. Farmers should continue irrigation, pesticide and fertilizer application activities and should start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilization of past rainfall associated soil moisture.

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, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature 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 200ltr water for one acre.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.
- 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.**

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/ltr of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre. To control scale insects apply Dimethoate 2ml/ltr water or methyl demeton 2ml/ltr water. To control white fly go for spraying of Thiamethoxam 40 gram in 200ltr 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.
- Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.
- 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.-445

Date- 17/10/2023

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

The block received average 0mm& district received average 0.36 mm rainfall during the last week. The mean daily maximum and minimum temperature was **35°C (+2.1°C from normal)** and **25.4°C (+2.6°C from normal)**, respectively. Mean relative humidity of the district was around 70-77%.

Forecasted period: Today(8.30IST) to 22th October (8.30IST)2023

Weather advisory: Dry weather is forecasted in between upcoming 5 days in the block. The day temperature will be 32-34°C and night temperature will be 19-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-88% and 41-48% 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	17/10/2023	18/10/2023	19/10/2023	20/10/2023	21/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	34	33	32	32
T-Min(°C)	22	22	22	22	19
Cloud Cover(/octa)	3	1	1	1	0
RH Max (%)	76	86	88	85	76
RH Min (%)	41	42	42	48	41
Wind Speed (Kmph)	4	4	5	5	6
Wind Direction (deg)	23	19	68	23	347

Agromet Advisory

General advisory: As slight increase in temperature condition is forecasted in between upcoming 2-3 days and as the rice is at panicle initiation to flowering stage so farmers should maintain 5-10cm water level during the critical stage. Plug the holes in rice field and strengthen the field bunds. Farmers should continue irrigation, pesticide and fertilizer application activities and should start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilization of past rainfall associated soil moisture.

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, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature 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.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 liter water.
- 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.**

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.
- Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.
- 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.-445

Date- 17/10/2023

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 0.36 mm rainfall during the last week. The mean daily maximum and minimum temperature was **35°C (+2.1°C from normal)** and **25.4°C (+2.6°C from normal)**, respectively. Mean relative humidity of the district was around 70-77%.

Forecasted period: Today(8.30IST) to 22th October (8.30IST)2023

Weather advisory: Dry weather is forecasted in between upcoming 5 days in the block. The day temperature will be 33°C and night temperature will be 21-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-86% and 45-50% 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	17/10/2023	18/10/2023	19/10/2023	20/10/2023	21/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	33	33	33	33	33
T-Min(°C)	25	24	24	24	21
Cloud Cover(octa)	4	4	5	4	5
RH Max (%)	85	86	82	83	74
RH Min (%)	49	50	49	50	45
Wind Speed(Kmph)	7	7	9	9	12
Wind Direction(deg)	23	349	108	349	23

Agromet Advisory

General advisory: As slight increase in temperature condition is forecasted in between upcoming 2-3 days and as the rice is at panicle initiation to flowering stage so farmers should maintain 5-10cm water level during the critical stage. Plug the holes in rice field and strengthen the field bunds. Farmers should continue irrigation, pesticide and fertilizer application activities and should start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilization of past rainfall associated soil moisture.

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, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature 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 200ltr water for one acre.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.
- 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 Ethofenoprox 10% EC @ 1 ml/litre 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/ltr of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200ltr water for one acre. To control scale insects apply Dimethoate 2ml/ltr water or methyl demeton 2ml/ltr water. To control white fly go for spraying of Thiamethoxam 40 gram in 200ltr 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.
- Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.
- 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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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 0.36 mm rainfall during the last week. The mean daily maximum and minimum temperature was **35°C (+2.1°C from normal)** and **25.4°C (+2.6°C from normal)**, respectively. Mean relative humidity of the district was around 70-77%.

Forecasted period: Today(8.30IST) to 22th October (8.30IST)2023

Weather advisory: Dry weather is forecasted in between upcoming 5 days in the block. The day temperature will be 33-34°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-87% and 44-51% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	17/10/2023	18/10/2023	19/10/2023	20/10/2023	21/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	33	33	33	33
T-Min(°C)	25	24	24	24	22
Cloud Cover(octa)	4	3	4	3	2
RH Max (%)	87	84	80	80	72
RH Min (%)	49	51	47	50	44
Wind Speed (Kmph)	7	6	8	8	11
Wind Direction (deg)	23	330	105	349	360

Agromet Advisory

General advisory: As slight increase in temperature condition is forecasted in between upcoming 2-3 days and as the rice is at panicle initiation to flowering stage so farmers should maintain 5-10cm water level during the critical stage. Plug the holes in rice field and strengthen the field bunds. Farmers should continue irrigation, pesticide and fertilizer application activities and should start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilization of past rainfall associated soil moisture.

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, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature 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.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/ acre in 200 ltr water.
- 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 Ethofenoprox 10% EC @ 1 ml/litre 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.
- Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.
- 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.-445
Date- 17/10/2023

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 0.36 mm rainfall during the last week. The mean daily maximum and minimum temperature was **35°C (+2.1°C from normal)** and **25.4°C (+2.6°C from normal)**, respectively. Mean relative humidity of the district was around 70-77%.

Forecasted period: Today(8.30IST) to 22th October (8.30IST)2023

Weather advisory:: Dry weather is forecasted in between upcoming 5 days in the block. The day temperature will be **33-34°C** and night temperature will be **22-25°C** for upcoming 5 days. Maximum and minimum relative humidity will be 72-87% and 43-51% 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	17/10/2023	18/10/2023	19/10/2023	20/10/2023	21/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	33	33	33	33
T-Min(°C)	25	25	24	24	22
Cloud Cover(octa)	4	3	3	3	1
RH Max (%)	87	84	80	80	72
RH Min (%)	49	51	47	50	43
Wind Speed (Kmph)	7	6	8	8	11
Wind Direction (deg)	23	338	105	349	360

Agromet Advisory

General advisory: As slight increase in temperature condition is forecasted in between upcoming 2-3 days and as the rice is at panicle initiation to flowering stage so farmers should maintain 5-10cm water level during the critical stage. Plug the holes in rice field and strengthen the field bunds. Farmers should continue irrigation, pesticide and fertilizer application activities and should start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilization of past rainfall associated soil moisture.

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, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature 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 200ltr water for one acre.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/acre in 200 ltr water.
- 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 Ethofenoprox 10% EC @ 1 ml/litre 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 200ltr 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.
- Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.
- 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.-445

Date- 17/10/2023

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 0mm& district received average 0.36 mm rainfall during the last week. The mean daily maximum and minimum temperature was **35°C (+2.1°C from normal)** and **25.4°C (+2.6°C from normal)**, respectively. Mean relative humidity of the district was around 70-77%.

Forecasted period: Today(8.30IST) to 22th October (8.30IST)2023

Weather advisory:: Dry weather is forecasted in between upcoming 5 days in the block. The day temperature will be 33-34°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-82% and 49-54% 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	17/10/2023	18/10/2023	19/10/2023	20/10/2023	21/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	33	33	33	33
T-Min(°C)	25	25	24	24	22
Cloud Cover(octa)	3	3	5	2	6
RH Max (%)	82	81	79	79	69
RH Min (%)	51	54	53	54	49
Wind Speed (Kmph)	7	9	11	12	15
Wind Direction (deg)	108	68	342	45	23

Agromet Advisory

General advisory: As slight increase in temperature condition is forecasted in between upcoming 2-3 days and as the rice is at panicle initiation to flowering stage so farmers should maintain 5-10cm water level during the critical stage. Plug the holes in rice field and strengthen the field bunds. Farmers should continue irrigation, pesticide and fertilizer application activities and should start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilization of past rainfall associated soil moisture.

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, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature 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.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray LambdaCyhalothrin 2.5%EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/acre in 200 liter water.
- 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.**

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.
- Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.
- 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.

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SMS (Agrometeorology)

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

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Bulletin No.-445

Date- 17/10/2023

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 3.1mm& district received average 0.36 mm rainfall during the last week. The mean daily maximum and minimum temperature was **35°C (+2.1°C from normal)** and **25.4°C (+2.6°C from normal)**, respectively. Mean relative humidity of the district was around 70-77%.

Forecasted period: Today(8.30IST) to 22thOctober (8.30IST)2023

Weather advisory: Dry weather is forecasted in between upcoming 5 days in the block. The day temperature will be **33-34°C** and night temperature will be **21-24°C** for upcoming 5 days. Maximum and minimum relative humidity will be 74-90% and 43-51% 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	17/10/2023	18/10/2023	19/10/2023	20/10/2023	21/10/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	34	34	34	33	33
T-Min(°C)	24	24	23	23	21
Cloud Cover(octa)	3	1	1	2	0
RH Max (%)	85	90	88	86	74
RH Min (%)	45	46	45	51	43
Wind Speed (Kmph)	6	6	6	7	8
Wind Direction (deg)	360	360	360	23	343

Agro met Advisory

General advisory: As slight increase in temperature condition is forecasted in between upcoming 2-3 days and as the rice is at panicle initiation to flowering stage so farmers should maintain 5-10cm water level during the critical stage. Plug the holes in rice field and strengthen the field bunds. Farmers should continue irrigation, pesticide and fertilizer application activities and should start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish by utilization of past rainfall associated soil moisture.

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, ensure proper water level of 4-5 centimeter in the field.

Weather based Disease and pest of rice

- Due to slight increase in temperature 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.
- Due to fluctuation in day and night temperature there may be infestation of **hispa /case worm** in rice, to control this spray Lambda Cyhalothrin 2.5% EC @ 200 ml/acre or Chlorpyrifos 20EC @ 400 ml/acre in 200 liter water.
- 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.**

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.
- Undertake planting of **potato crop** on ridge after probable rain; 12 quintal seeds 14 (germinated tubers of 20- 30 g each), 40 kg Urea, 70 kg D.A.P., 80 kg MOP and 10 kg Sulphur are required for cultivation in 1 acre.
- 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)



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	Agromet division, IMD, Pune	https://imdagrmet.gov.in/imdproject/AGIndex.php	