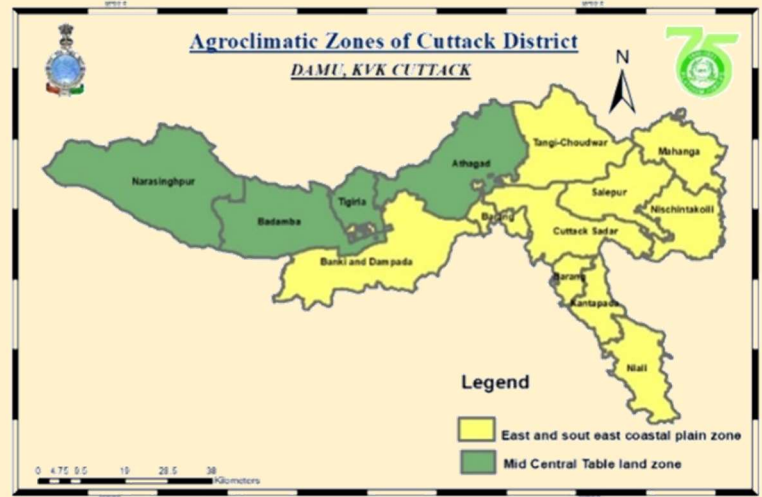




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Tuesday, 08th October, 2024
 (For the period 08th to 12th October,
 2024)*



*Issued by
 District Agro-met Unit,
 KrishiVigyan Kendra Cuttack*





STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p>MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CRS PUNE</p> <p>STANDARDIZED PRECIPITATION INDEX FOR THE PERIOD 05 SEPTEMBER TO 02 OCTOBER 2024</p> <p>SPI VALUES</p> <ul style="list-style-type: none"> No Data < -1.0 (Extremely Dry) 0% Rain 0% Rain -0.9 to -0.8 (Very Dry) 1% Rain 0% Rain -0.8 to -0.7 (Dry) 2% Rain 0% Rain -0.7 to -0.6 (Moderately Dry) 4% Rain 0% Rain -0.6 to -0.5 (Dry) 6% Rain 0% Rain -0.5 to -0.4 (Moderately Dry) 10% Rain 0% Rain -0.4 to -0.3 (Dry) 15% Rain 0% Rain -0.3 to -0.2 (Moderately Dry) 25% Rain 0% Rain -0.2 to -0.1 (Dry) 40% Rain 0% Rain -0.1 to 0 (Near Normal) 60% Rain 0% Rain 0.1 to 0.2 (Moderately Wet) 80% Rain 0% Rain 0.2 to 0.3 (Wet) 95% Rain 0% Rain 0.3 to 0.4 (Very Wet) 99% Rain 0% Rain 0.4 to 0.5 (Extremely Wet) 99% Rain 0% Rain 0.5 to 0.6 (Extremely Wet) 99% Rain 0% Rain > 0.6 (Extremely Wet) 99% Rain 0% Rain 	<p>NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 39 (23.09.2024 to 29.09.2024) over Agricultural region</p> <p align="center">Odisha</p> <p>Agriculture vigour is moderate at isolated places of the state. NDVI could not be captured over remaining places due dense cloud cover or rainfall.</p>
<p><i>As per SPI value (cumulative 4weeks - 05 September to 02 October 2024), mildly wet condition was there in Cuttack district.</i></p>	<p><i>According to NDVI map (23.09.2024 to 29.09.2024) the agriculture vigor was light to moderate over most of the blocks of Cuttack district.</i></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	Below Normal	< 2°C from normal
Normal	Normal	-2°C to +2°C from normal
Above Normal	Above Normal	>2°C from normal



DrRanjan Kumar Mohanta
 (Nodal officer)

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Bulletin No.-534
Date- 08/10/2024

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	Tillering to panicle initiation		Leaf streak
				Mealy bug
				Hispa
				Caseworm
2	Sugarcane	4-5 month old		Mealy bug
				Scales
				White fly
3	Maize	Cob development stage		Aphid/thrips
				Stem borer



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Bulletin No.-534
Date- 08/10/2024

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.-534
 Date- 08/10/2024

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

The block received average 01 mm and district received average 02 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.57°C (+0.35 from normal) and 25.42°C (+1.57 from normal), respectively. The mean relative humidity was 79-91%.

Forecasted period: Today(8.30IST) to 13th October (8.30IST)2024

Weather advisory: Very light to light rainfall/thundershower is forecasted for today, Friday and Saturday and dry weather is forecasted for other 2days in the block. The day temperature will be 31-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 92-96% and 56-66% respectively. There will be partly cloudy to overcastsky for next 5days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/10/2024	09/10/2024	10/10/2024	11/10/2024	12/10/2024
Rainfall (mm)	07	00	00	05	03
T-Max (°C)	31	33	32	33	31
T-Min (°C)	24	24	24	25	24
Cloud Cover (octa)	4	5	8	7	7
RH Max (%)	96	95	96	92	93
RH Min (%)	65	57	59	56	66
Wind Speed (kmph)	7	9	8	7	4
Wind Direction (deg)	180	203	203	234	236

Agromet Advisory

General advisory:

As slight decrease in temperature condition is forecasted in between upcoming 4-5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm 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

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

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 litre 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

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.-534
 Date- 08/10/2024

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 00 mm and district received average 02 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 33.57°C (+0.35 from normal) and 25.42°C (+1.57 from normal), respectively.** The mean relative humidity was 79-91%.

Forecasted period: Today(8.30IST) to 13th October (8.30IST)2024

Weather advisory: Very light to light rainfall/thundershower is forecasted for today, Friday and Saturday and dry weather is forecasted for other 2 days in the block. The day temperature will be 30-33°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 92-96% and 56-66% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/10/2024	09/10/2024	10/10/2024	11/10/2024	12/10/2024
Rainfall(mm)	07	00	00	05	03
T-Max(°C)	31	33	32	33	30
T-Min(°C)	24	23	23	24	24
Cloud Cover(octa)	5	5	8	8	7
RH Max (%)	96	96	96	92	93
RH Min (%)	66	56	61	57	64
Wind Speed (Kmph)	7	8	7	5	3
Wind Direction (deg)	171	201	198	203	236

Agromet Advisory

General advisory:

As slight decrease in temperature condition is forecasted in between upcoming 4-5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm 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

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

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 litre 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

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.



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 (Nodal officer)

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**Bulletin No.-534
Date- 08/10/2024**

AGROMET ADVISORY BULLETIN FOR BANKI

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

The district received average 02 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.57°C (+0.35 from normal) and 25.42°C (+1.57 from normal), respectively. The mean relative humidity was 79-91%.

Forecasted period: Today(8.30IST) to 13th October (8.30IST)2024

Weatheradvisory::: Very light to light rainfall/thundershower is forecasted for today, Friday and Saturday and dry weather is forecasted for other 2days in the block. The day temperature will be 30-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 92-96% and 55-66% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/10/2024	09/10/2024	10/10/2024	11/10/2024	12/10/2024
Rainfall(mm)	09	00	00	04	02
T-Max(°C)	31	33	32	33	30
T-Min(°C)	24	24	24	25	24
Cloud Cover(octa)	4	4	8	8	7
RH Max (%)	96	95	96	92	94
RH Min (%)	66	57	61	55	64
Wind Speed (Kmph)	8	9	8	7	5
Wind Direction (deg)	165	203	201	206	236

Agromet Advisory

General advisory:

As slight decrease in temperature condition is forecasted in between upcoming 4-5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm 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

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

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 litre 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

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:

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Bulletin No.-534
Date- 08/10/2024

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 00 mm and district received average 02 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.57°C (+0.35 from normal) and 25.42°C (+1.57 from normal), respectively. The mean relative humidity was 79-91%.

Forecasted period: Today(8.30IST) to 13th October (8.30IST)2024

Weather Advisory: Very light to light rainfall/thundershower is forecasted for today, Friday and Saturday and dry weather is forecasted for other 2 days in the block. The day temperature will be 30-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 92-96% and 56-67% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/10/2024	09/10/2024	10/10/2024	11/10/2024	12/10/2024
Rainfall(mm)	09	00	00	04	02
T-Max(°C)	31	33	32	33	30
T-Min(°C)	24	24	24	25	24
Cloud Cover(octa)	4	4	8	7	7
RH Max (%)	96	95	96	92	94
RH Min (%)	67	57	60	56	65
Wind Speed (Kmph)	8	9	9	7	5
Wind Direction (deg)	165	203	201	206	236

Agromet Advisory

General advisory:

As slight decrease in temperature condition is forecasted in between upcoming 4-5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm 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

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

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 litre 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

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.-534
 Date- 08/10/2024

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 04 mm and district received average 02 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 33.57°C (+0.35 from normal) and 25.42°C (+1.57 from normal), respectively.** The mean relative humidity was 79-91%.

Forecasted period: Today(8.30IST) to 13th October (8.30IST)2024

Weather advisory: Very light to light rainfall/thundershower is forecasted for today, Friday and Saturday and dry weather is forecasted for other 2 days in the block. The day temperature will be 31-33°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 93-97% and 59-68% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/10/2024	09/10/2024	10/10/2024	11/10/2024	12/10/2024
Rainfall(mm)	10	00	00	04	02
T-Max(°C)	31	33	32	32	31
T-Min(°C)	25	24	25	26	25
Cloud Cover	4	5	8	7	7
RH Max (%)	95	95	97	93	94
RH Min (%)	67	59	59	60	68
Wind Speed (Kmph)	8	10	10	9	6
Wind Direction (deg)	171	203	204	203	244

Agromet Advisory

General advisory:

As slight decrease in temperature condition is forecasted in between upcoming 4-5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm 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

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

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 litre 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

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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GRAMIN KRISHI MAUSAM 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.-534
Date- 08/10/2024

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 05 mm and district received average 02 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 33.57°C (+0.35 from normal) and 25.42°C (+1.57 from normal), respectively.** The mean relative humidity was 79-91%.

Forecasted period: Today(8.30IST) to 13th October (8.30IST)2024

Weather advisory: Very light to light rainfall/thundershower is forecasted for today, Friday and Saturday and dry weather is forecasted for other 2 days in the block. The day temperature will be 31-33°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 93-97% and 57-65% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/10/2024	09/10/2024	10/10/2024	11/10/2024	12/10/2024
Rainfall(mm)	10	00	00	04	02
T-Max(°C)	31	33	32	33	31
T-Min(°C)	25	24	25	26	25
Cloud Cover(octa)	4	5	8	7	7
RH Max (%)	95	95	97	93	94
RH Min (%)	64	58	57	58	65
Wind Speed (Kmph)	8	10	10	9	5
Wind Direction (deg)	171	203	203	214	236

Agromet Advisory

General advisory:

As slight decrease in temperature condition is forecasted in between upcoming 4-5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm 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

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

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 litre 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

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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KRISHI VIGYAN KENDRA CUTTACK



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

Bulletin No.-534
Date- 08/10/2024

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 05 mm and district received average 02 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.57°C (+0.35 from normal) and 25.42°C (+1.57 from normal), respectively. The mean relative humidity was 79-91%.

Forecasted period: Today(8.30IST) to 13th October (8.30IST)2024

Weatheradvisory: Very light to light rainfall/thundershower is forecasted for today, Friday and Saturday and dry weather is forecasted for other 2days in the block. The day temperature will be 31-32°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 92-96% and 60-68% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Kantapada(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/10/2024	09/10/2024	10/10/2024	11/10/2024	12/10/2024
Rainfall(mm)	09	00	00	03	02
T-Max(°C)	31	32	32	32	32
T-Min(°C)	26	25	25	26	25
Cloud Cover(octa)	5	5	8	6	7
RH Max (%)	94	94	96	93	92
RH Min (%)	68	61	60	60	67
Wind Speed (Kmph)	8	10	11	10	7
Wind Direction (deg)	203	204	204	203	225

Agromet Advisory

General advisory:

As slight decrease in temperature condition is forecasted in between upcoming 4-5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm 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

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

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 litre 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

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.-534
Date- 08/10/2024

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 00 mm and district received average 02 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.57°C (+0.35 from normal) and 25.42°C (+1.57 from normal), respectively. The mean relative humidity was 79-91%.

Forecasted period: Today(8.30IST) to 13th October (8.30IST)2024

Weatheradvisory: Very light to light rainfall/thundershower is forecasted for today, Friday and Saturday and dry weather is forecasted for other 2days in the block. The day temperature will be and it will be 31-32°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 93-97% and 56-66% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/10/2024	09/10/2024	10/10/2024	11/10/2024	12/10/2024
Rainfall(mm)	10	00	00	04	02
T-Max(°C)	31	32	32	32	31
T-Min(°C)	25	24	25	26	25
Cloud Cover(octal)	5	5	8	7	8
RH Max (%)	95	94	97	93	93
RH Min (%)	66	59	56	59	65
Wind Speed (Kmph)	8	11	11	10	6
Wind Direction (deg)	203	204	204	207	243

Agromet Advisory

General advisory:

As slight decrease in temperature condition is forecasted in between upcoming 4-5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm 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

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

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 litre 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

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.-534
Date- 08/10/2024

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 00 mm and district received average 02 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 33.57°C (+0.35 from normal) and 25.42°C (+1.57 from normal), respectively.** The mean relative humidity was 79-91%.

Forecasted period: Today(8.30IST) to 13th October (8.30IST)2024

Weather advisory: Very light to light rainfall/thundershower is forecasted for today, Friday and Saturday and dry weather is forecasted for other 2 days in the block. The day temperature will be 30-33°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 91-98% and 52-62% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/10/2024	09/10/2024	10/10/2024	11/10/2024	12/10/2024
Rainfall(mm)	07	00	00	05	03
T-Max(°C)	31	32	32	33	30
T-Min(°C)	23	22	23	24	23
Cloud Cover(/octa)	4	5	8	8	7
RH Max (%)	98	97	96	93	91
RH Min (%)	62	52	57	60	61
Wind Speed (Kmph)	6	6	5	3	3
Wind Direction (deg)	198	201	199	248	75

Agromet Advisory

General advisory:

As slight decrease in temperature condition is forecasted in between upcoming 4-5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm 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

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

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 litre 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

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.-534
Date- 08/10/2024**

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 01 mm and district received average 02 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 33.57°C (+0.35 from normal) and 25.42°C (+1.57 from normal), respectively.** The mean relative humidity was 79-91%.

Forecasted period: Today(8.30IST) to 13th October (8.30IST)2024

Weather advisory: Very light to light rainfall/thundershower is forecasted for today, Friday and Saturday and dry weather is forecasted for other 2days in the block. The day temperature will be 32°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-94% and 60-66% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/10/2024	09/10/2024	10/10/2024	11/10/2024	12/10/2024
Rainfall(mm)	10	00	00	04	02
T-Max(°C)	32	32	32	32	32
T-Min(°C)	26	25	26	26	25
Cloud Cover(octa)	5	5	7	7	7
RH Max (%)	91	91	94	91	89
RH Min (%)	66	62	60	60	66
Wind Speed(Kmph)	9	11	11	11	8
Wind Direction(deg)	180	204	204	203	216

Agromet Advisory

General advisory:

As slight decrease in temperature condition is forecasted in between upcoming 4-5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm 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

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

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 litre 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

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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GRAMIN KRISHI MAUSAM 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.-534
Date- 08/10/2024

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 03 mm and district received average 02 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 33.57°C (+0.35 from normal) and 25.42°C (+1.57 from normal), respectively.** The mean relative humidity was 79-91%.

Forecasted period: Today(8.30IST) to 13th October (8.30IST)2024

Weather advisory: *Very light to light rainfall/thundershower is forecasted for today, Friday and Saturday and dry weather is forecasted for other 2days in the block.* The day temperature will be 31-32°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 93-97% and 57-67% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/10/2024	09/10/2024	10/10/2024	11/10/2024	12/10/2024
Rainfall(mm)	10	00	00	05	02
T-Max(°C)	31	32	32	32	31
T-Min(°C)	25	25	25	26	25
Cloud Cover(octa)	5	5	8	7	8
RH Max (%)	95	95	97	94	93
RH Min (%)	67	60	57	59	66
Wind Speed (Kmph)	8	11	11	10	6
Wind Direction (deg)	203	207	207	204	244

Agromet Advisory

General advisory:

As slight decrease in temperature condition is forecasted in between upcoming 4-5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm 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

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

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 litre 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

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.-534
 Date- 08/10/2024

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 05 mm and district received average 02 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 33.57°C (+0.35 from normal) and 25.42°C (+1.57 from normal), respectively.** The mean relative humidity was 79-91%.

Forecasted period: Today(8.30IST) to 13th October (8.30IST)2024

Weather advisory: Very light to light rainfall/thundershower is forecasted for today, Friday and Saturday and dry weather is forecasted for other 2days in the block. The day temperature will be 31-32°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 93-97% and 57-67% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/10/2024	09/10/2024	10/10/2024	11/10/2024	12/10/2024
Rainfall(mm)	10	00	00	05	03
T-Max(°C)	31	32	32	32	31
T-Min(°C)	26	25	25	26	25
Cloud Cover(octa)	5	5	8	6	7
RH Max (%)	95	95	97	94	93
RH Min (%)	67	60	57	59	66
Wind Speed (Kmph)	8	11	11	10	6
Wind Direction (deg)	203	204	207	204	248

Agromet Advisory

General advisory:

As slight decrease in temperature condition is forecasted in between upcoming 4-5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm 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

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

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 litre 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

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.-534
Date- 08/10/2024

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 0.4 mm and district received average 02 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.57°C (+0.35 from normal) and 25.42°C (+1.57 from normal), respectively. The mean relative humidity was 79-91%.

Forecasted period: Today(8.30IST) to 13th October (8.30IST)2024

Weatheradvisory: Very light to light rainfall/thundershower is forecasted for today, Friday and Saturday and dry weather is forecasted for other 2days in the block. The day temperature will be 32-33°C and night temperature will be 27°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-89% and 62-69% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	08/10/2024	09/10/2024	10/10/2024	11/10/2024	12/10/2024
Rainfall(mm)	09	00	00	04	02
T-Max(°C)	32	33	33	33	32
T-Min(°C)	27	27	27	27	27
Cloud Cover(octa)	3	4	6	7	8
RH Max (%)	86	87	89	87	84
RH Min (%)	65	63	62	63	69
Wind Speed (Kmph)	11	13	13	13	10
Wind Direction (deg)	203	212	207	207	225

Agromet Advisory

General advisory:

As slight decrease in temperature condition is forecasted in between upcoming 4-5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm 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

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

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 litre 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

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 **whitely** 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.-534
 Date- 08/10/2024

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 00 mm and district received average 02 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33.57°C (+0.35 from normal) and 25.42°C (+1.57 from normal), respectively. The mean relative humidity was 79-91%.

Forecasted period: Today(8.30IST) to 13th October (8.30IST)2024

Weatheradvisory:; *Very light to light rainfall/thundershower is forecasted for today, Friday and Saturday and dry weather is forecasted for other 2days in the block.* The day temperature will be 30-33°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 92-96% and 56-67% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Tigiria(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/10/2024	09/10/2024	10/10/2024	11/10/2024	12/10/2024
Rainfall(mm)	07	00	00	04	02
T-Max(°C)	31	33	32	33	30
T-Min(°C)	24	24	24	25	24
Cloud Cover(octa)	4	5	8	8	7
RH Max (%)	96	95	96	92	93
RH Min (%)	67	56	61	56	66
Wind Speed (Kmph)	7	9	8	6	4
Wind Direction (deg)	180	201	198	240	236

Agro met Advisory

General advisory:

As slight decrease in temperature condition is forecasted in between upcoming 4-5 days and as the rice is at active tillering to panicle initiation stage so farmers should maintain 5cm 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

Early sown paddy is now mostly in tillering to panicle initiation stage. As weather to remain mostly dry, ensure proper water level of 4-5 centimetre in the field. Application of fertilizers and manures can be done. In late transplanted rice, apply second top dressing of fertilizer at Panicle Initiation stage (50-55 DAT) @ 17.5kg of urea per acre whereas in sandy soil apply 17.5kg of urea + 13kg of MOP per acre.

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 200litr 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

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 200litr water for one acre. To control stem borer apply fipronil 5SC 400ml/acre in 200 ltr 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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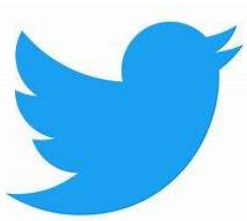






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Bulletin No.-534
Date- 08/10/2024

				
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	



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