

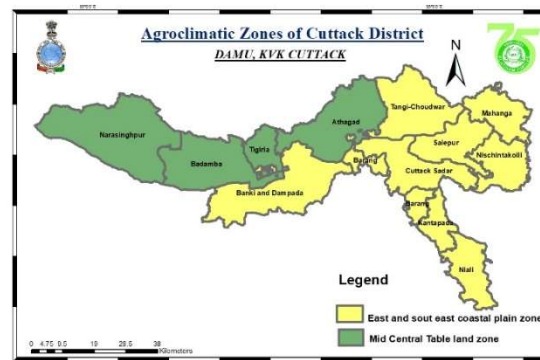


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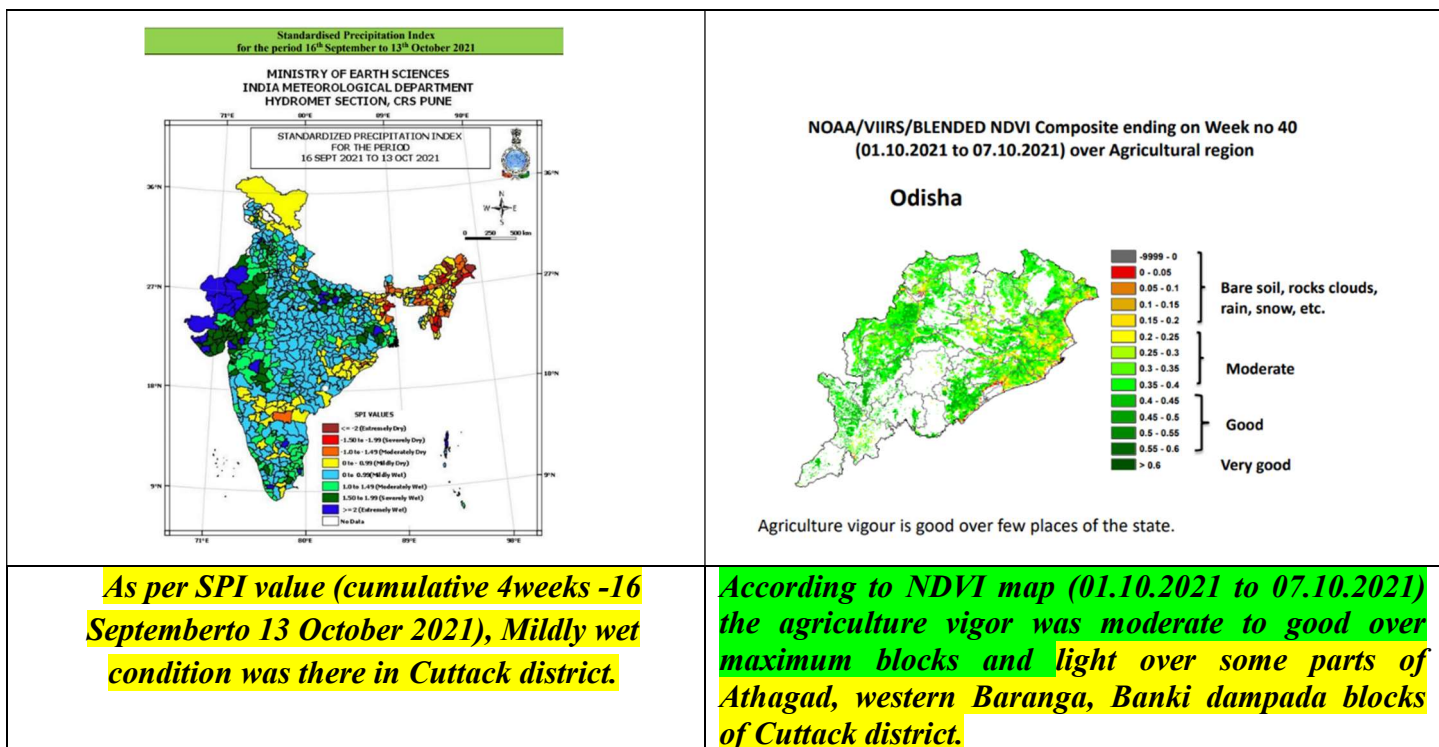


Bulletin No.-238
Date- 18/10/2021

AGROCLIMATIC ZONES OF CUTTACK DISTRICT:



STANDARD PRECIPITATION INDEX AND NDVI MAP



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

Dr Sujata Sethy
(Nodal officer)



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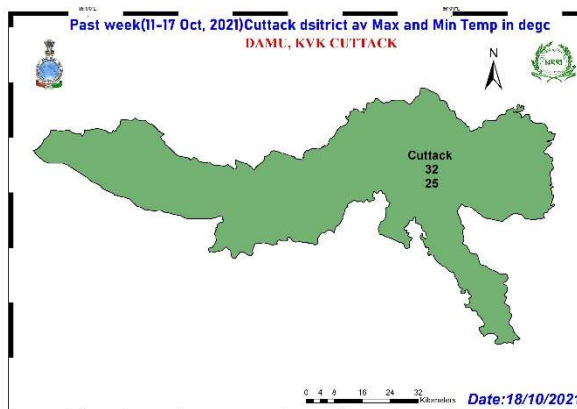
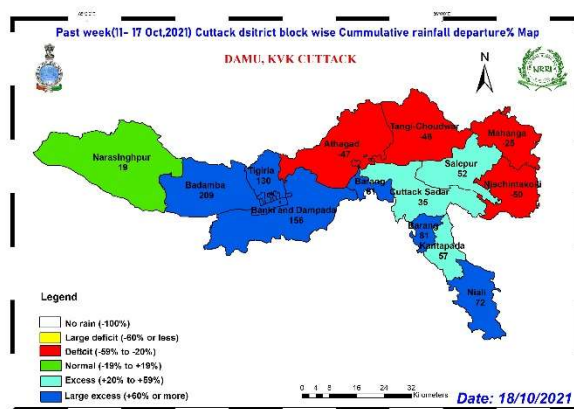


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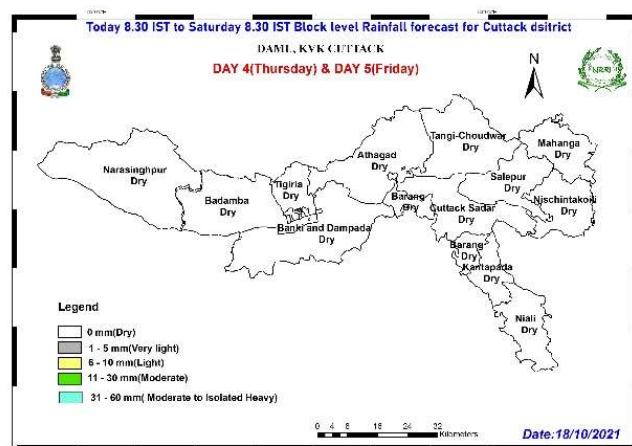
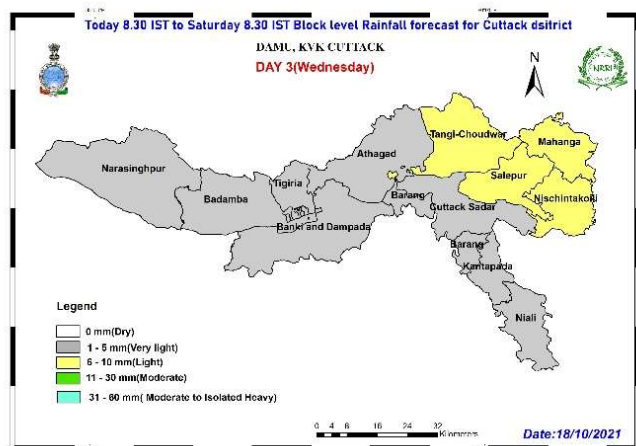
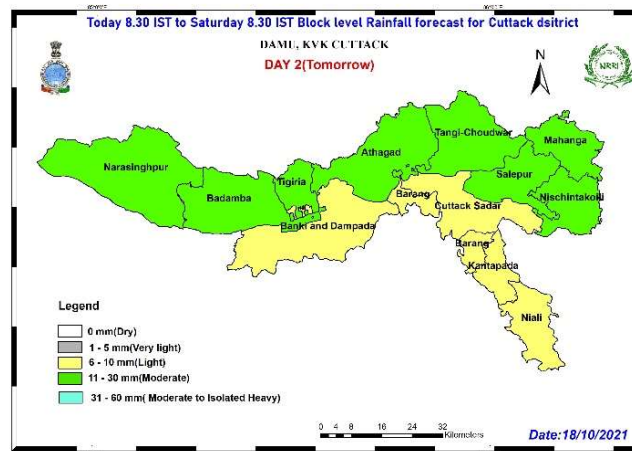
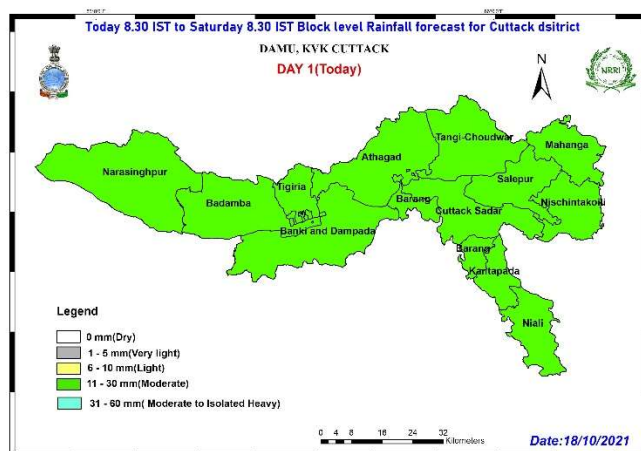


Bulletin No.-238
Date- 18/10/2021

Past week (11-17 October 2021) Cuttack district Cumulative Rainfall departure (%) and average Temperature map



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



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Bulletin No.-238
Date- 18/10/2021

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	Active tillering to panicle initiation		Bacterial leaf blight
				Sheath Blight
				Blast
				BPH
				Stem borer
				Swarming caterpillar
				Gall midge
2	Sugarcane	4-5 month old		Mealy bug
				Scales
				White fly

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Bulletin No.-238
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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
6	Banana			Sigatoka
				Panama wilt
7	Papaya			foot rot

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Bulletin No.-238
Date- 18/10/2021

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (22-28 October 2021)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	-15.1	Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	0.1	Normal
	Minimum temperature	-0.1	Normal

General Agromet Advisory:- There will be **normal rainfall in subsequent week after 5 days (22-28 October 2021) in Odisha condition**, and there will be light to moderate rainfall/Thundershower is forecasted for upcoming 3 days with 2 dry days. **Farmers are advised to drain out excess water from the field in the subsequent week and should conserve water (2-3cm) in the field in panicle initiation stage. They are advised to vigil the rice field for monitoring of disease pest like sheath blight, root rot, blast and swarming caterpillar, stem borer, BPH.**

Post Monsoon rainfall forecast for the month of October, 2021

- The spatial distribution of probabilistic forecasts for tercile categories (above normal, normal and below normal) over the country for the October rainfall is shown in Fig. The spatial distribution suggests that **Normal to above normal** is likely over many parts of Odisha.
- Hence Farmers should manage the crop and irrigation activities depending upon the land type, irrigation facility for kharif rice.**

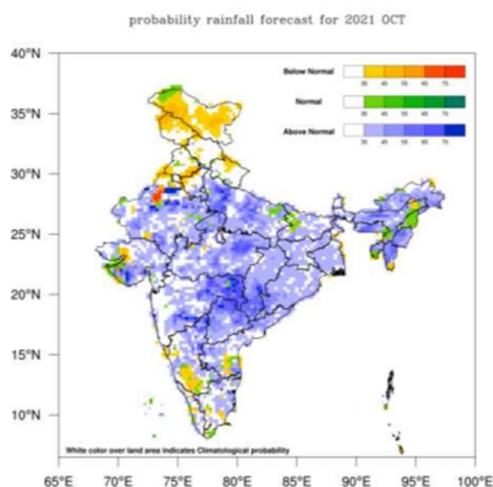


Fig.2. Probability forecast of tercile categories* (below normal, normal and above normal) for the 2021 October rainfall over India. The figure illustrates the most likely categories as well as their probabilities. The white shaded areas within the land area represent climatological probabilities. The probabilities were derived using the MME forecast prepared from a group of coupled climate models. (*Tercile categories have equal climatological probabilities, of 33.33% each).

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Bulletin No.-238
Date- 18/10/2021

AGROMET ADVISORY BULLETIN FOR ATHAGAD
District Past week average weather condition and Block past week average Rainfall condition

The block received average 2mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 88-79%.

Forecasted period: Today(8.30IST) to 23rd October (8.30IST)2021

Weather advisory: *Moderate rainfall/Thundershower is forecasted for today and tomorrow and very light rainfall is forecasted for Wednesday and dry weather is forecasted for next 2days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.* The day temperature will be 30-32°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-94% and 49-74% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/10/2021	20/10/2021	21/10/2021	22/10/2021	23/10/2021
Rainfall (mm)	19	12	5	0	0
T-Max (°C)	31	30	32	32	32
T-Min (°C)	27	26	26	25	24
Cloud Cover (octa)	8	8	8	8	6
RH Max (%)	94	94	92	81	73
RH Min (%)	72	74	65	56	49
Wind Speed (kmph)	11	9	7	7	6
Wind Direction (deg)	204	167	208	293	289

Agromet Advisory

General advisory: *Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish after the forecasted rainfall. Farmers should stop irrigation, fertilizer and pesticide application from today and tomorrow due to forecast of rainfall. Farmers may start harvesting of matured early sown short duration paddy from Thursday if they are at 85% physiological maturity stage.*

Kharif Rice

- Early sown paddy is now mostly in active tillering to panicle initiation stage. If **yellow stem borer** found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. If there is outbreak of **swarming caterpillar**, spray Chlorpyrifos 20EC 2.5 ml/ liter on the rice field bunds. Present weather may cause **blast** in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Cloudy weather with drizzling may result occurrence of **bacterial leaf blight** in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @ 400ml/acre in case of appearance of the disease. In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.

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.

Fruits:

- Forecasted rainy weather conditions will be favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.
- 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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-238
Date- 18/10/2021

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 15mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 88-79%.

Forecasted period: Today(8.30IST) to 23rd October (8.30IST)2021

Weather advisory: Moderate rainfall/Thundershower is forecasted for today and tomorrow and very light rainfall is forecasted for Wednesday and dry weather is forecasted for next 2 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 31-32°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-95% and 48-70% 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)				
Date	19/10/2021	20/10/2021	21/10/2021	22/10/2021	23/10/2021
Rainfall(mm)	18	12	3	0	0
T-Max(°C)	31	31	32	32	32
T-Min(°C)	26	26	26	24	23
Cloud Cover(octa)	8	8	8	8	6
RH Max (%)	95	94	91	82	74
RH Min (%)	68	70	66	54	48
Wind Speed (Kmph)	9	8	5	6	5
Wind Direction (deg)	203	191	205	287	288

Agromet Advisory

General advisory: Drain out excess water from paddy field. Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish after the forecasted rainfall. Farmers should stop irrigation, fertilizer and pesticide application from today and tomorrow due to forecast of rainfall. Farmers may start harvesting of matured early sown short duration paddy from Thursday if they are at 85% physiological maturity stage.

Kharif Rice

- Early sown paddy is now mostly in active tillering to panicle initiation stage. If **yellow stem borer** found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. If there is outbreak of **swarming caterpillar**, spray Chlorpyrifos 20EC 2.5 ml/ litre on the rice field bunds. Present weather may cause **blast** in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Cloudy weather with drizzling may result occurrence of **bacterial leaf blight** in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @ 400ml/acre in case of appearance of the disease. In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.

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.

Fruits:

Forecasted rainy weather conditions will be favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2-3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

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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Bulletin No.-238
Date- 18/10/2021

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 88-79%.

Forecasted period: Today(8.30IST) to 23rd October (8.30IST)2021

Weather advisory: Moderate rainfall/Thundershower is forecasted for today and very light to light rainfall is forecasted for tomorrow and Wednesday and dry weather is forecasted for next 2 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 30-33°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-94% and 47-71% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/10/2021	20/10/2021	21/10/2021	22/10/2021	23/10/2021
Rainfall(mm)	14	7	2	0	0
T-Max(°C)	31	30	32	33	32
T-Min(°C)	27	26	26	25	24
Cloud Cover(octa)	8	8	8	8	6
RH Max (%)	94	93	91	82	75
RH Min (%)	69	71	64	54	47
Wind Speed (Kmph)	11	10	7	7	6
Wind Direction (deg)	204	191	208	293	293

Agromet Advisory

General advisory: Drain out excess water from paddy field. Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish after the forecasted rainfall. Farmers should stop irrigation, fertilizer and pesticide application from today and tomorrow due to forecast of rainfall. Farmers may start harvesting of matured early sown short duration paddy from Thursday if they are at 85% physiological maturity stage.

Kharif Rice

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- Fruits:**
Forecasted rainy weather conditions will be favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2-3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

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Bulletin No.-238
Date- 18/10/2021

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 20mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 88-79%.

Forecasted period: Today(8.30IST) to 23rd October (8.30IST)2021

Weather Advisory: Moderate rainfall/Thundershower is forecasted for today and very light to light rainfall is forecasted for tomorrow and Wednesday and dry weather is forecasted for next 2 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 30-33°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-94% and 48-72% 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)				
Date	19/10/2021	20/10/2021	21/10/2021	22/10/2021	23/10/2021
Rainfall(mm)	13	8	2	0	0
T-Max(°C)	31	30	32	33	32
T-Min(°C)	27	26	26	25	24
Cloud Cover(octa)	8	8	8	8	6
RH Max (%)	94	94	91	82	75
RH Min (%)	70	72	64	54	48
Wind Speed (Kmph)	11	10	7	7	6
Wind Direction (deg)	204	191	208	293	293

Agromet Advisory

General advisory: Drain out excess water from paddy field. Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish after the forecasted rainfall. Farmers should stop irrigation, fertilizer and pesticide application from today and tomorrow due to forecast of rainfall. Farmers may start harvesting of matured early sown short duration paddy from Thursday if they are at 85% physiological maturity stage.

- Early sown paddy is now mostly in active tillering to panicle initiation stage. If **yellow stem borer** found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. If there is outbreak of **swarming caterpillar**, spray Chloropyrifos 20EC 2.5 ml/ litre on the rice field bunds. Present weather may cause **blast** in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Cloudy weather with drizzling may result occurrence of **bacterial leaf blight** in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @ 400ml/acre in case of appearance of the disease. In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.

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.
- Fruits:**
Forecasted rainy weather conditions will be favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-238
Date- 18/10/2021

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 9mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 88-79%.

Forecasted period: Today(8.30IST) to 23rd October (8.30IST)2021

Weather advisory: Moderate rainfall/Thundershower is forecasted for today and very light to light rainfall is forecasted for tomorrow and Wednesday and dry weather is forecasted for next 2days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 29-33°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-95% and 49-79% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Baranga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/10/2021	20/10/2021	21/10/2021	22/10/2021	23/10/2021
Rainfall(mm)	14	8	3	0	0
T-Max(°C)	30	29	32	33	32
T-Min(°C)	27	27	26	25	24
Cloud Cover	8	8	8	8	7
RH Max (%)	95	94	93	83	77
RH Min (%)	73	79	67	56	49
Wind Speed (Kmph)	12	10	9	8	7
Wind Direction (deg)	203	193	205	287	293

Agromet Advisory

General advisory: Drain out excess water from paddy field. Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish after the forecasted rainfall. Farmers should stop irrigation, fertilizer and pesticide application from today and tomorrow due to forecast of rainfall. Farmers may start harvesting of matured early sown short duration paddy from Thursday if they are at 85% physiological maturity stage.

Kharif Rice

- Early sown paddy is now mostly in active tillering to panicle initiation stage. If **yellow stem borer** found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. If there is outbreak of **swarming caterpillar**, spray Chlorpyrifos 20EC 2.5 ml/ liter on the rice field bunds. Present weather may cause **blast** in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Cloudy weather with drizzling may result occurrence of **bacterial leaf blight** in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @400ml/acre in case of appearance of the disease. In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @500ml/acre to manage the pest.

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.

Fruits:

- Forecasted rainy weather conditions will be favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-238
Date- 18/10/2021

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 7mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 88-79%.

Forecasted period: Today(8.30IST) to 23rd October (8.30IST)2021

Weather advisory: Moderate rainfall/Thundershower is forecasted for today and very light to light rainfall is forecasted for tomorrow and Wednesday and dry weather is forecasted for next 2 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 29-32°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-95% and 50-78% 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)				
Date	19/10/2021	20/10/2021	21/10/2021	22/10/2021	23/10/2021
Rainfall(mm)	15	9	4	0	0
T-Max(°C)	30	29	32	32	32
T-Min(°C)	27	26	26	25	24
Cloud Cover(octa)	8	8	8	8	6
RH Max (%)	95	95	93	82	74
RH Min (%)	74	78	67	57	50
Wind Speed (Kmph)	12	10	9	8	7
Wind Direction (deg)	204	180	208	287	283

Agromet Advisory

General advisory: Drain out excess water from paddy field. Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish after the forecasted rainfall. Farmers should stop irrigation, fertilizer and pesticide application from today and tomorrow due to forecast of rainfall. Farmers may start harvesting of matured early sown short duration paddy from Thursday if they are at 85% physiological maturity stage.

Kharif Rice

- Early sown paddy is now mostly in active tillering to panicle initiation stage. If **yellow stem borer** found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. If there is outbreak of **swarming caterpillar**, spray Chloropyrifos 20EC 2.5 ml/ litre on the rice field bunds. Present weather may cause **blast** in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Cloudy weather with drizzling may result occurrence of **bacterial leaf blight** in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @400ml/acre in case of appearance of the disease. In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @500ml/acre to manage the pest.
- 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.

Fruits:

Forecasted rainy weather conditions will be favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-238
Date- 18/10/2021

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 8mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 88-79%.

Forecasted period: Today(8.30IST) to 23rd October (8.30IST)2021

Weather advisory: Moderate rainfall/Thundershower is forecasted for today and very light to light rainfall is forecasted for tomorrow and Wednesday and dry weather is forecasted for next 2 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 29-33°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-94% and 49-80% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/10/2021	20/10/2021	21/10/2021	22/10/2021	23/10/2021
Rainfall(mm)	21	9	2	0	0
T-Max(°C)	30	29	31	33	32
T-Min(°C)	27	27	26	26	24
Cloud Cover(octa)	8	8	8	8	7
RH Max (%)	94	93	92	86	80
RH Min (%)	72	80	69	58	49
Wind Speed (Kmph)	13	11	10	9	7
Wind Direction (deg)	203	193	207	285	288

Agromet Advisory

General advisory: Drain out excess water from paddy field. Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish after the forecasted rainfall. Farmers should stop irrigation, fertilizer and pesticide application from today and tomorrow due to forecast of rainfall. Farmers may start harvesting of matured early sown short duration paddy from Thursday if they are at 85% physiological maturity stage.

Kharif Rice

- Early sown paddy is now mostly in active tillering to panicle initiation stage. If **yellow stem borer** found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. If there is outbreak of **swarming caterpillar**, spray Chlorpyrifos 20EC 2.5 ml/ liter on the rice field bunds. Present weather may cause **blast** in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Cloudy weather with drizzling may result occurrence of **bacterial leaf blight** in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @ 400ml/acre in case of appearance of the disease. In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
- 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/litr of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litr water for one acre. To control scale insects apply Dimethoate 2ml/litr water or methyl demeton 2ml/litr water. To control white fly go for spraying of Thiamethoxam 40 gram in 200litr 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 litr water.

Fruits:

Forecasted rainy weather conditions will be favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-238
Date- 18/10/2021

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 4mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 88-79%.

Forecasted period: Today(8.30IST) to 23rd October (8.30IST)2021

Weather advisory: Moderate rainfall/Thundershower is forecasted for today and tomorrow and light rainfall is forecasted for Wednesday and dry weather is forecasted for next 2 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be and it will be 28-32°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-96% and 50-83% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/10/2021	20/10/2021	21/10/2021	22/10/2021	23/10/2021
Rainfall(mm)	28	15	7	0	0
T-Max(°C)	30	28	32	32	32
T-Min(°C)	26	26	26	25	24
Cloud Cover(octal)	8	8	8	8	7
RH Max (%)	96	95	94	84	77
RH Min (%)	74	83	69	59	50
Wind Speed (Kmph)	13	10	11	10	8
Wind Direction (deg)	201	193	207	287	270

Agromet Advisory

General advisory: Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish after the forecasted rainfall. Farmers should stop irrigation, fertilizer and pesticide application from today and tomorrow due to forecast of rainfall. Farmers may start harvesting of matured early sown short duration paddy from Thursday if they are at 85% physiological maturity stage.

Kharif Rice

- Early sown paddy is now mostly in active tillering to panicle initiation stage. If **yellow stem borer** found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. If there is outbreak of **swarming caterpillar**, spray Chlorpyrifos 20EC 2.5 ml/ liter on the rice field bunds. Present weather may cause **blast** in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Cloudy weather with drizzling may result occurrence of **bacterial leaf blight** in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @ 400ml/acre in case of appearance of the disease. In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.
- 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/litr of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litr water for one acre. To control scale insects apply Dimethoate 2ml/litr water or methyl demeton 2ml/litr water. To control white fly go for spraying of Thiamethoxam 40 gram in 200litr 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 litr water.
- Fruits:**
Forecasted rainy weather conditions will be favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-238
Date- 18/10/2021

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 6mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 88-79%.

Forecasted period: Today(8.30IST) to 23rd October (8.30IST)2021

Weather advisory: **Moderate rainfall/Thundershower is forecasted for today and tomorrow and very light rainfall is forecasted for Wednesday and dry weather is forecasted for next 2 days in the block.** Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 31-32°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-96% and 46-69% 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)				
Date	19/10/2021	20/10/2021	21/10/2021	22/10/2021	23/10/2021
Rainfall(mm)	13	11	3	0	0
T-Max(°C)	32	31	32	32	32
T-Min(°C)	26	25	25	24	23
Cloud Cover(octa)	8	8	8	8	6
RH Max (%)	96	94	92	81	72
RH Min (%)	63	69	64	53	46
Wind Speed (Kmph)	6	6	4	6	5
Wind Direction (deg)	199	180	270	288	291

Agromet Advisory

General advisory: **Drain out excess water from paddy field. Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish after the forecasted rainfall. Farmers should stop irrigation, fertilizer and pesticide application from today and tomorrow due to forecast of rainfall. Farmers may start harvesting of matured early sown short duration paddy from Thursday if they are at 85% physiological maturity stage.**

Kharif Rice

- Early sown paddy is now mostly in active tillering to panicle initiation stage. If **yellow stem borer** found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. If there is outbreak of **swarming caterpillar**, spray Chlorpyrifos 20EC 2.5 ml/ liter on the rice field bunds. Present weather may cause **blast** in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Cloudy weather with drizzling may result occurrence of **bacterial leaf blight** in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @ 400ml/acre in case of appearance of the disease. In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.

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.

- Fruits:** Forecasted rainy weather conditions will be favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

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.

Dr Sujata Sethy
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR NIALI



Bulletin No.-238

Date- 18/10/2021

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

The block received average 9mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 88-79%.

Forecasted period: Today(8.30IST) to 23rd October (8.30IST)2021

Weather advisory: Moderate rainfall/Thundershower is forecasted for today and very light to light rainfall is forecasted for tomorrow and Wednesday and dry weather is forecasted for next 2 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 30-33°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-93% and 48-79% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/10/2021	20/10/2021	21/10/2021	22/10/2021	23/10/2021
Rainfall(mm)	20	9	2	0	0
T-Max(°C)	31	30	31	33	32
T-Min(°C)	27	26	26	26	25
Cloud Cover(octa)	8	8	8	8	7
RH Max (%)	93	92	92	87	82
RH Min (%)	70	79	70	59	48
Wind Speed(Kmph)	14	12	11	9	8
Wind Direction(deg)	203	193	212	285	300

Agromet Advisory

General advisory: Drain out excess water from paddy field. Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish after the forecasted rainfall. Farmers should stop irrigation, fertilizer and pesticide application from today and tomorrow due to forecast of rainfall. Farmers may start harvesting of matured early sown short duration paddy from Thursday if they are at 85% physiological maturity stage.

Kharif Rice

- Early sown paddy is now mostly in active tillering to panicle initiation stage. If **yellow stem borer** found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. If there is outbreak of **swarming caterpillar**, spray Chloropyrifos 20EC 2.5 ml/ liter on the rice field bunds. Present weather may cause **blast** in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Cloudy weather with drizzling may result occurrence of **bacterial leaf blight** in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @ 400ml/acre in case of appearance of the disease. In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.

- 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.
- Fruits:** Forecasted rainy weather conditions will be favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendizim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-238
Date- 18/10/2021

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 2mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 88-79%.

Forecasted period: Today(8.30IST) to 23rd October (8.30IST)2021

Weather advisory: Moderate rainfall/Thundershower is forecasted for today and tomorrow and light rainfall is forecasted for Wednesday and dry weather is forecasted for next 2 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 29-33°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-95% and 50-83% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/10/2021	20/10/2021	21/10/2021	22/10/2021	23/10/2021
Rainfall(mm)	26	12	6	0	0
T-Max(°C)	30	29	31	33	32
T-Min(°C)	26	26	26	25	24
Cloud Cover(octa)	8	8	8	8	6
RH Max (%)	95	95	94	85	78
RH Min (%)	74	83	70	58	50
Wind Speed (Kmph)	13	10	11	9	8
Wind Direction (deg)	201	193	207	279	279

Agromet Advisory

General advisory: Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish after the forecasted rainfall. Farmers should stop irrigation, fertilizer and pesticide application from today and tomorrow due to forecast of rainfall. Farmers may start harvesting of matured early sown short duration paddy from Thursday if they are at 85% physiological maturity stage.

Kharif Rice

- Early sown paddy is now mostly in active tillering to panicle initiation stage. If **yellow stem borer** found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. If there is outbreak of **swarming caterpillar**, spray Chloropyriphos 20EC 2.5 ml/ litre on the rice field bunds. Present weather may cause **blast** in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Cloudy weather with drizzling may result occurrence of **bacterial leaf blight** in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @ 400ml/acre in case of appearance of the disease. In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyriphos 20EC @ 500ml/acre to manage the pest.
- 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/litr of water. To control mealy bug spray Imidacloprid 17.8 SL 50 ml or Thiamethoxam 40 gram in 200litr water for one acre. To control scale insects apply Dimethoate 2ml/litr water or methyl demeton 2ml/litr water. To control white fly go for spraying of Thiamethoxam 40 gram in 200litr 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 litr water.
- Fruits:**
Forecasted rainy weather conditions will be favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendizim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-238
Date- 18/10/2021

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 7mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 88-79%.

Forecasted period: Today(8.30IST) to 23rd October (8.30IST)2021

Weather advisory: **Moderate rainfall/Thundershower is forecasted for today and tomorrow and light rainfall is forecasted for Wednesday and dry weather is forecasted for next 2days in the block.** Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 29-32°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-96% and 50-83% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/10/2021	20/10/2021	21/10/2021	22/10/2021	23/10/2021
Rainfall(mm)	22	11	6	0	0
T-Max(°C)	30	29	32	32	32
T-Min(°C)	26	26	26	25	24
Cloud Cover(octa)	8	8	8	8	6
RH Max (%)	96	95	94	84	77
RH Min (%)	74	83	69	58	50
Wind Speed (Kmph)	12	10	10	9	8
Wind Direction (deg)	203	193	207	287	270

Agromet Advisory

General advisory: **Drain out excess water from paddy field. Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish after the forecasted rainfall. Farmers should stop irrigation, fertilizer and pesticide application from today and tomorrow due to forecast of rainfall. Farmers may start harvesting of matured early sown short duration paddy from Thursday if they are at 85% physiological maturity stage.**

Kharif Rice

- Early sown paddy is now mostly in active tillering to panicle initiation stage. If **yellow stem borer** found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. If there is outbreak of **swarming caterpillar**, spray Chloropyriphos 20EC 2.5 ml/ litre on the rice field bunds. Present weather may cause **blast** in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Cloudy weather with drizzling may result occurrence of **bacterial leaf blight** in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @ 400ml/acre in case of appearance of the disease. In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyriphos 20EC @ 500ml/acre to manage the pest.

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.

Fruits:

Forecasted rainy weather conditions will be favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

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.

Dr Sujata Sethy
(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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Bulletin No.-238
Date- 18/10/2021

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 3mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 88-79%.

Forecasted period: Today(8.30IST) to 23rd October (8.30IST)2021

Weather advisory: Moderate rainfall/Thundershower is forecasted for today and tomorrow and light rainfall is forecasted for Wednesday and dry weather is forecasted for next 2 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 30-33°C and night temperature will be 25-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-90% and 52-80% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/10/2021	20/10/2021	21/10/2021	22/10/2021	23/10/2021
Rainfall(mm)	25	17	6	0	0
T-Max(°C)	31	30	31	33	33
T-Min(°C)	28	27	27	27	25
Cloud Cover(octa)	8	8	8	8	7
RH Max (%)	89	90	88	86	82
RH Min (%)	72	80	76	64	52
Wind Speed (Kmph)	19	15	15	11	9
Wind Direction (deg)	203	198	225	248	285

Agromet Advisory

General advisory: Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish after the forecasted rainfall. Farmers should stop irrigation, fertilizer and pesticide application from today and tomorrow due to forecast of rainfall. Farmers may start harvesting of matured early sown short duration paddy from Thursday if they are at 85% physiological maturity stage.

Kharif Rice

- Early sown paddy is now mostly in active tillering to panicle initiation stage. If **yellow stem borer** found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. If there is outbreak of **swarming caterpillar**, spray Chlorpyrifos 20EC 2.5 ml/ litre on the rice field bunds. Present weather may cause **blast** in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Cloudy weather with drizzling may result occurrence of **bacterial leaf blight** in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @ 400ml/acre in case of appearance of the disease. In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.

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.

Fruits:

Forecasted rainy weather conditions will be favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-238
Date- 18/10/2021

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 9mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity of the district was around 88-79%.

Forecasted period: Today(8.30IST) to 23rd October (8.30IST)2021

Weather advisory: **Moderate rainfall/Thundershower is forecasted for today and tomorrow and very light rainfall is forecasted for Wednesday and dry weather is forecasted for next 2 days in the block.** Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 30-33°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-94% and 49-73% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/10/2021	20/10/2021	21/10/2021	22/10/2021	23/10/2021
Rainfall(mm)	16	11	3	0	0
T-Max(°C)	31	30	32	33	32
T-Min(°C)	26	26	26	25	23
Cloud Cover(octa)	8	8	8	8	6
RH Max (%)	94	94	92	81	73
RH Min (%)	71	73	66	56	49
Wind Speed (Kmph)	10	9	6	7	5
Wind Direction (deg)	203	163	205	297	289

Agromet Advisory

General advisory: **Drain out excess water from paddy field. Start land preparation and sowing of non paddy crops and vegetables like cabbage, cauliflower, radish after the forecasted rainfall. Farmers should stop irrigation, fertilizer and pesticide application from today and tomorrow due to forecast of rainfall. Farmers may start harvesting of matured early sown short duration paddy from Thursday if they are at 85% physiological maturity stage.**

Kharif Rice

- Early sown paddy is now mostly in active tillering to panicle initiation stage. If **yellow stem borer** found in field, spray the crop with Rynaxypyr 20% SC @ 0.3 ml/litre of water or Acephate 75% SP @ 1.5 g/litre of water. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 80g Thiamethoxam or 60g Flonicamid per acre in alternate basis. If there is outbreak of **swarming caterpillar**, spray Chlorpyrifos 20EC 2.5 ml/ litre on the rice field bunds. Present weather may cause **blast** in rice, if observe spray with Tebuconazole 50% + Trifloxystrobin 25% @ 0.4 g/litre of water or Carbendazim 50% WP @ 1.5 g/litre of water. Cloudy weather with drizzling may result occurrence of **bacterial leaf blight** in rice. It is advised to spray the crop immediately after rain with 1 g Plantomycin per litre of water in sunny days. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @ 400ml/acre in case of appearance of the disease. In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyrifos 20EC @ 500ml/acre to manage the pest.

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.

Fruits:

Forecasted rainy weather conditions will be favourable for the incidence and spread of **sigatoka leaf spot disease in Banana**. To curb the spread of this disease, go for spraying of propiconazole @ 0.1% (or) tebuconazole + trifloxystrobin @ 1ml per litre for 2 -3 times in 25 days interval. Go for Drenching of Carbendazim 0.2% or Propiconazole 0.5 ml/ litre once in a month for panama wilt of Banana disease. Past weather conditions are favourable for the incidence of **foot rot in Papaya**. To control go for soil drenching around the base of the stem with Metalaxyl @ 2g/L.

Animal husbandry:

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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.

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

- Follow the **Official Website links** to get the weather based agromet advisory service bulletins (**English & Odia**) twice in a week (Tuesday and Friday).

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