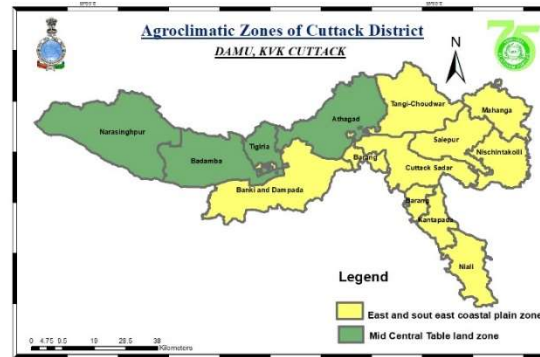
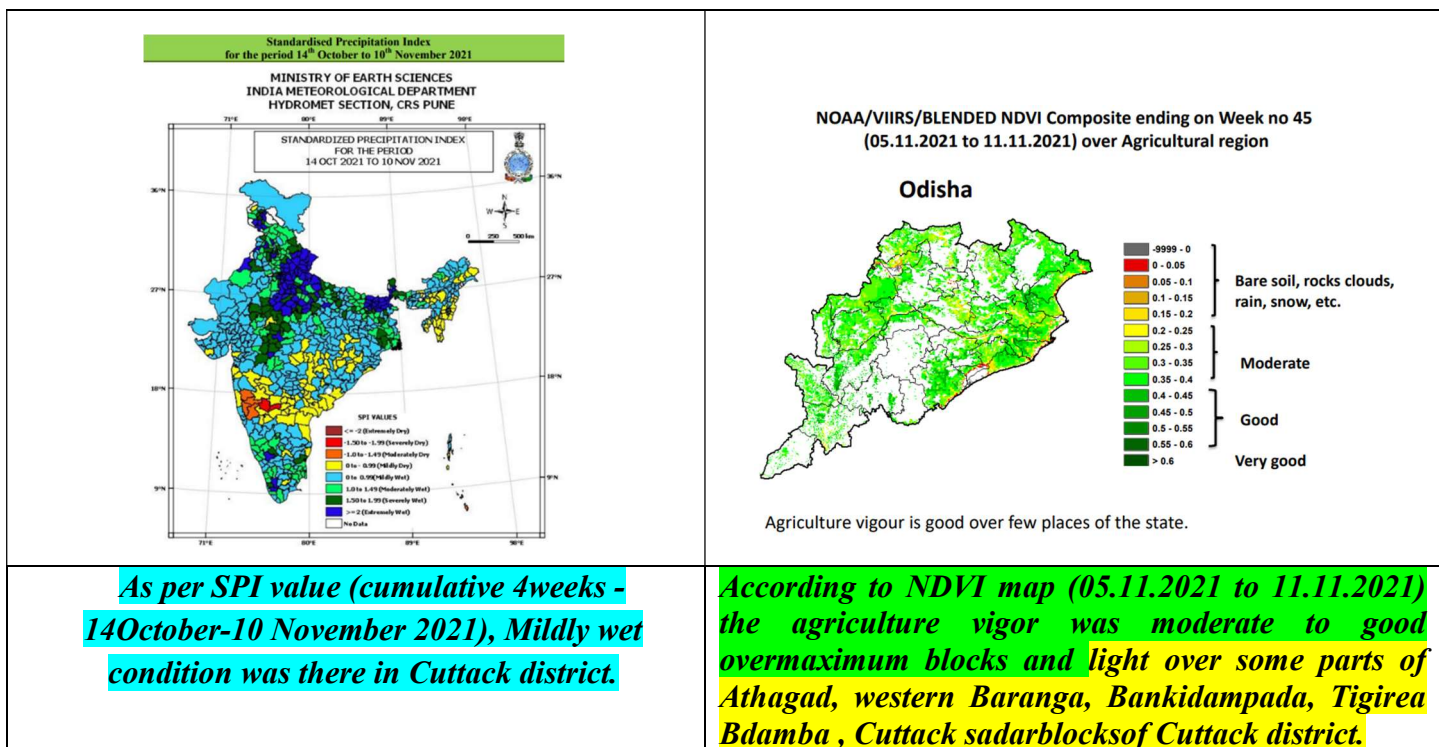




AGROCLIMATIC ZONES OF CUTTACK DISTRICT:



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



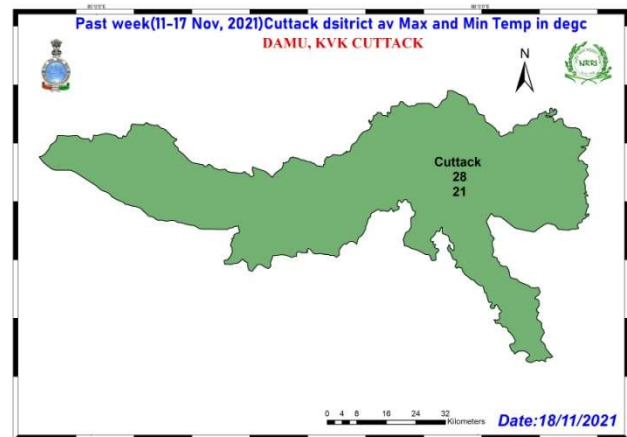
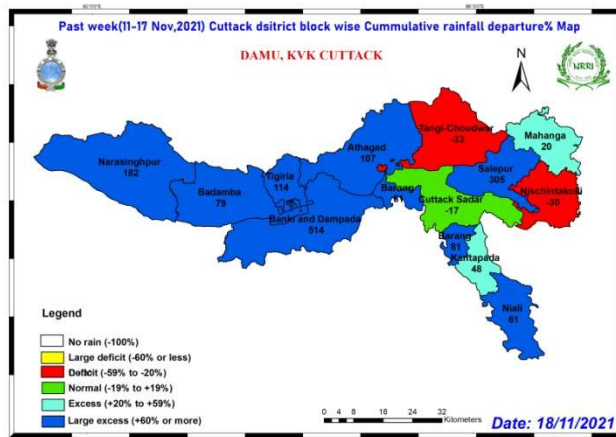


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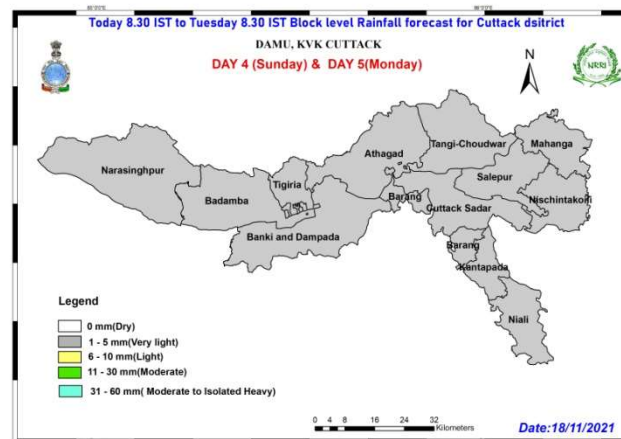
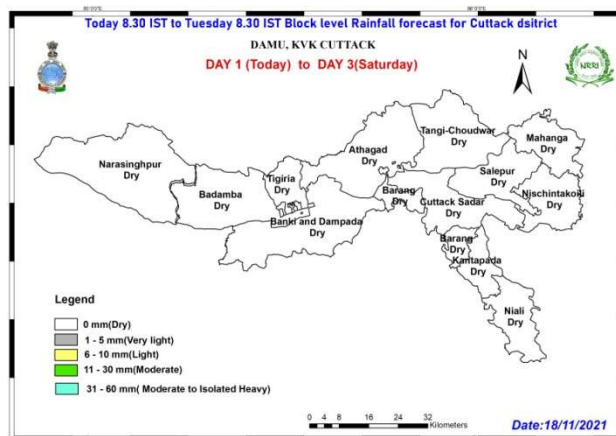


Bulletin No.-247
Date- 18/11/2021

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



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



Dr Sujata Sethy
(Nodal officer)



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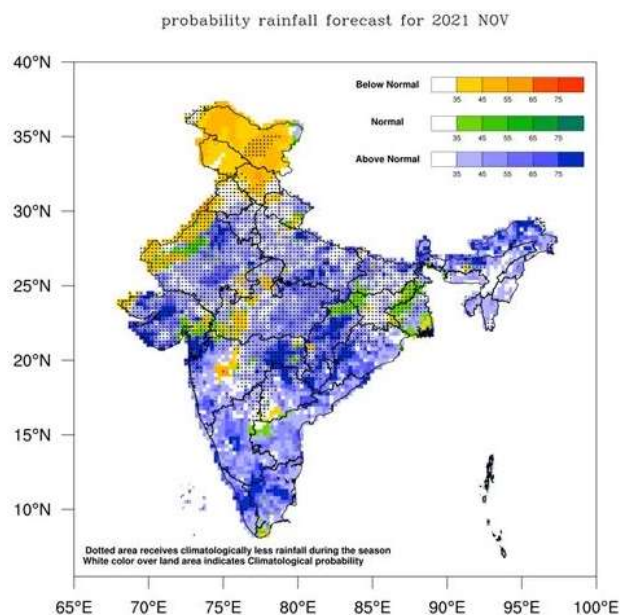
Bulletin No.-247
 Date- 18/11/2021

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (24-30 November 2021)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	402.43	Above Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	1.81	Above Normal
	Minimum temperature	2.86	Above Normal

General Agromet Advisory:- There will be above normal rainfall in subsequent week after 5 days (24-30 November 2021) in Odisha condition, and there will be very light rainfall is forecasted in between upcoming 5 days. They may go for harvesting of early sown rice if they are at 85% physiological maturity stage before the subsequent week. Farmers should stop go intercultural operations and application of fertiliser and pesticide and irrigation activities in the subsequent week.

Post Monsoon rainfall forecast for the month of November, 2021

- The spatial distribution of probabilistic forecasts for tercile categories (above normal, normal and below normal) over the country for the November 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 and pre Rabi pulses and vegetables.



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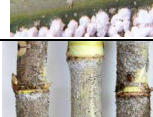






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Bulletin No.-247
Date- 18/11/2021

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	Milkygrain stage to harvesting stage		Rice ear head bug
				Neck blast
				BPH
				Gundhi bug
				False smut
2	Sugarcane	Grand growth stage to cane development stag		Ring spot
				Top borer
				Wooly Aphid
				Scale insect
				White fly
				Mealy bug
3	Vegetables(Brinjal and okra)	Vegetative to fruiting		Fruit and shoot borer
	Okra			YMV
	Chilli , Cowpea			Thrips in Chilli and Aphids in Cowpea

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4	Vegetables	Seedling to vegetative		Wilting
				Leaf blight
				Damping off
5				Downy mildew
				Leaf eating caterpillar
6	Papaya			Foot rot
7	Banana			Sucker rot

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Bulletin No.-247
Date- 18/11/2021

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

The block received average 4mm and district received average 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28°C and 21°C, respectively. Mean relative humidity of the district was around 93-87%.

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

Weather advisory: Very light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for Today to Saturday in the block. The day temperature will be 29-32°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-87% and 43-50% respectively. There will be mainly to partly cloudy sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/11/2021	20/11/2021	21/11/2021	22/11/2021	23/11/2021
Rainfall (mm)	0	0	0	1	2
T-Max (°C)	29	29	31	32	32
T-Min (°C)	21	22	23	24	24
Cloud Cover (octa)	3	3	4	5	5
RH Max (%)	65	73	81	87	86
RH Min (%)	43	49	50	46	48
Wind Speed (kmph)	7	7	5	5	7
Wind Direction (deg)	56	68	135	135	158

Agromet Advisory

General Advisory: Farmers should go for harvesting of matured paddy in the dry days before Sunday and if they had harvested before, then go for safe storage of harvested paddy. They should continue application of fertilizer and pesticide in the dry days (Today to Saturday). Farmers should undertake sowing of green gram, black gram, Mustard, sunflower, onion, garlic, tomato, brinjal, chilli, cabbage, cauliflower, radish, water melon and carrot by utilizing the realized rainfall.

Kharif Rice:

If rice is at maturity stage, drain out excess water / don't irrigate the field which may otherwise lead to lodging. Since the weather is expected to dry so go for harvesting the plants in between Sunday and if harvesting of rice was already done then store in a safer place. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Present weather conditions are favourable for the incidence of Neck blast disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. If infestation of BPH & WBPH occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from Gundhi bug apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water.

PULSES:

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung) by utilization of past rain water. Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture @ 20-gram/ kg of seeds. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance. A prophylactic spray with Mancozeb @ 2.5g/lit of water is recommended to reduce the incidence of diseases.

Mustard:

Taking the advantage of realized rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @ 60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. Spray neem oil 5 ml/ l of water to control insects in mustard & toria at seedling stage.

VEGETABLES&FRUITS :

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. After rain apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent wilting in vegetables. To control leaf blight, leaf spot, Damping off and downy mildew after rain in vegetables apply 400gm metalaxyl + mancozeb in 200 liter water per acre. To control Fruit and shoot borer and leaf eating caterpillar in Brinjal and Okra and cauliflower Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water. Due to past rain present 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. In Banana crop, Water logging for more than 4 days is dangerous at any age of crop. Drain out water immediately. For sucker rot spray Bordeaux mixture @ 1g/lit or CopperOxy Chloride @ 3 g/lit.

Animal husbandry:

Considering the minimum temperature, dairy farmers are advised to keep the animals in the cattle shed with concrete / brick roof.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-247
 Date- 18/11/2021

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 4mm and district received average 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28°C and 21°C, respectively. Mean relative humidity of the district was around 93-87%.

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

Weather advisory: Very light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for Today to Saturday in the block. The day temperature will be 29-32°C and night temperature will be 20-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-89% and 42-52% respectively. There will be mainly to partly cloudy sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/11/2021	20/11/2021	21/11/2021	22/11/2021	23/11/2021
Rainfall(mm)	0	0	0	1	2
T-Max(°C)	29	29	31	32	32
T-Min(°C)	20	21	22	23	24
Cloud Cover(octa)	3	3	4	5	5
RH Max (%)	66	75	85	89	89
RH Min (%)	42	47	52	48	49
Wind Speed (Kmph)	6	6	5	5	6
Wind Direction (deg)	64	68	180	189	167

Agromet Advisory

General Advisory: Farmers should go for harvesting of matured paddy in the dry days before Sunday and if they had harvested before, then go for safe storage of harvested paddy. They should continue application of fertilizer and pesticide in the dry days (Today to Saturday). Farmers should undertake sowing of green gram, black gram, Mustard, sunflower, onion, garlic, tomato, brinjal, chilli, cabbage, cauliflower, radish, water melon and carrot by utilizing the realized rainfall.

Kharif Rice:

If rice is at maturity stage, drain out excess water /don't irrigate the field which may otherwise lead to lodging. Since the weather is expected to dry so go for harvesting the plants in between Sunday and if harvesting of rice was already done then store in a safer place. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Present weather conditions are favourable for the incidence of Neck blast disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. If infestation of BPH & WBPH occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from Gundhi bug apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water.

PULSES:

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung) by utilization of past rain water. Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture @ 20-gram/ kg of seeds. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance. A prophylactic spray with Mancozeb @ 2.5g/lit of water is recommended to reduce the incidence of diseases.

Mustard:

Taking the advantage of realized rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @ 60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. Spray neem oil 5 ml/ l of water to control insects in mustard & toria at seedling stage.

VEGETABLES&FRUITS :

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. After rain apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent wilting in vegetables. To control leaf blight, leaf spot, Damping off and downy mildew after rain in vegetables apply 400gm metalaxyl + mancozeb in 200 liter water per acre. To control Fruit and shoot borer and leaf eating caterpillar in Brinjal and Okra and cauliflower Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water. Due to past rain present 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. In Banana crop, Water logging for more than 4 days is dangerous at any age of crop. Drain out water immediately. For sucker rot spray Bordeaux mixture @ 1g/lit or Copper Oxy Chloride @ 3 g/lit.

Animal husbandry:

Considering the minimum temperature, dairy farmers are advised to keep the animals in the cattle shed with concrete / brick roof.

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Bulletin No.-247
Date- 18/11/2021

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28°C and 21°C, respectively. Mean relative humidity of the district was around 93-87%.

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

Weather advisory: *Very light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for Today to Saturday in the block.* The day temperature will be 29-32°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-88% and 43-51% respectively. **There will be mainly to partly cloudy sky for next 5 days.**

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/11/2021	20/11/2021	21/11/2021	22/11/2021	23/11/2021
Rainfall(mm)	0	0	0	1	2
T-Max(°C)	29	29	31	32	32
T-Min(°C)	21	22	22	24	24
Cloud Cover(octa)	3	3	4	5	5
RH Max (%)	66	74	82	88	86
RH Min (%)	43	49	51	47	49
Wind Speed (Kmph)	7	7	5	5	7
Wind Direction (deg)	56	64	146	189	167

Agromet Advisory

General Advisory: **Farmers should go for harvesting of matured paddy in the dry days before Sunday** and if they had harvested before, then go for safe storage of harvested paddy. They should continue application of fertilizer and pesticide in the dry days (Today to Saturday). Farmers should undertake sowing of green gram, black gram, Mustard, sunflower, onion, garlic, tomato, brinjal, chilli, cabbage, cauliflower, radish, water melon and carrot by utilizing the realized rainfall.

Kharif Rice:

If rice is at maturity stage, drain out excess water / don't irrigate the field which may otherwise lead to lodging. Since the weather is expected to dry so go for harvesting the plants in between Sunday and if harvesting of rice was already done then store in a safer place. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Present weather conditions is favourable for the incidence of Neck blast disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. If infestation of BPH & WBPH occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from Gundhi bug apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water.

PULSES:

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung) by utilization of past rain water. Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture @ 20-gram/ kg of seeds. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance. **A prophylactic spray with Mancozeb @ 2.5g/lit of water is recommended to reduce the incidence of diseases.**

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VEGETABLES&FRUITS :

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. **After rain apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent wilting in vegetables. To control leaf blight, leaf spot, Damping off and downy mildew after rain in vegetables apply 400gm metalaxyl + mancozeb in 200 liter water per acre.** To control Fruit and shoot borer and leaf eating caterpillar in Brinjal and Okra and cauliflower Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water. Due to past rain **present 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. In Banana crop, Water logging for more than 4 days is dangerous at any age of crop. Drain out water immediately. For sucker rot spray Bordeaux mixture @ 1g/lit or Copper Oxy Chloride @ 3 g/lit.**

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Bulletin No.-247
 Date- 18/11/2021

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 12mm and district received average 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28°C and 21°C, respectively. Mean relative humidity of the district was around 93-87%.

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

Weather Advisory: *Very light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for Today to Saturday in the block.* The day temperature will be 29-32°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-88% and 43-51% respectively. **There will be mainly to partly cloudy sky for next 5 days.**

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/11/2021	20/11/2021	21/11/2021	22/11/2021	23/11/2021
Rainfall(mm)	0	0	0	2	2
T-Max(°C)	29	29	31	32	32
T-Min(°C)	21	22	22	24	24
Cloud Cover(octa)	3	3	4	5	5
RH Max (%)	66	74	82	88	86
RH Min (%)	43	49	51	47	49
Wind Speed (Kmph)	7	7	5	5	7
Wind Direction (deg)	56	64	153	189	167

Agromet Advisory

General Advisory: **Farmers should go for harvesting of matured paddy in the dry days before Sunday** and if they had harvested before, then go for safe storage of harvested paddy. They should continue application of fertilizer and pesticide in the dry days (Today to Saturday). Farmers should undertake sowing of green gram, black gram, Mustard, sunflower, onion, garlic, tomato, brinjal, chilli, cabbage, cauliflower, radish, water melon and carrot by utilizing the realized rainfall.

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PULSES:

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung) by utilization of past rain water. Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture @ 20-gram/ kg of seeds. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance. **A prophylactic spray with Mancozeb @ 2.5g/lit of water is recommended to reduce the incidence of diseases.**

Mustard:

Taking the advantage of realized rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @ 60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. **Spray neem oil 5 ml/ l of water to control insects in mustard & toria at seedling stage.**

VEGETABLES&FRUITS :

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. **After rain apply 1.5g Streptocycline + 25 g Copper Oxchloride in 10 litre water to prevent wilting in vegetables. To control leaf blight, leaf spot, Damping off and downy mildew after rain in vegetables apply 400gm metalaxyl + mancozeb in 200 liter water per acre.** To control Fruit and shoot borer and leaf eating caterpillar in Brinjal and Okra and cauliflower Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water. Due to past rain **present 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. In Banana crop, Water logging for more than 4 days is dangerous at any age of crop. Drain out water immediately. For sucker rot spray Bordeaux mixture @ 1g/lit or CopperOxy Chloride @ 3 g/lit.**

Animal husbandry:

Considering the minimum temperature, dairy farmers are advised to keep the animals in the cattle shed with concrete / brick roof.

Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-247
Date- 18/11/2021

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 5mm and district received average 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28°C and 21°C, respectively. Mean relative humidity of the district was around 93-87%.

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

Weather advisory: Very light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for Today to Saturday in the block. The day temperature will be 29-32°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-86% and 45-51% respectively. There will be mainly to partly cloudy sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/11/2021	20/11/2021	21/11/2021	22/11/2021	23/11/2021
Rainfall(mm)	0	0	0	1	2
T-Max(°C)	29	29	31	32	32
T-Min(°C)	21	22	23	24	24
Cloud Cover	3	3	4	5	5
RH Max (%)	65	72	81	86	85
RH Min (%)	45	51	50	47	48
Wind Speed (Kmph)	9	9	6	5	7
Wind Direction (deg)	45	58	113	243	162

Agromet Advisory

General Advisory: Farmers should go for harvesting of matured paddy in the dry days before Sunday and if they had harvested before, then go for safe storage of harvested paddy. They should continue application of fertilizer and pesticide in the dry days (Today to Saturday). Farmers should undertake sowing of green gram, black gram, Mustard, sunflower, onion, garlic, tomato, brinjal, chilli, cabbage, cauliflower, radish, water melon and carrot by utilizing the realized rainfall.

Kharif Rice:

If rice is at maturity stage, drain out excess water / don't irrigate the field which may otherwise lead to lodging. Since the weather is expected to dry so go for harvesting the plants in between Sunday and if harvesting of rice was already done then store in a safer place. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Present weather conditions are favourable for the incidence of Neck blast disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. If infestation of BPH & WBPH occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from Gundhi bug apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water.

PULSES:

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung) by utilization of past rain water. Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture @ 20-gram/ kg of seeds. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance. A prophylactic spray with Mancozeb @ 2.5g/lit of water is recommended to reduce the incidence of diseases.

Mustard:

Taking the advantage of realized rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @ 60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. Spray neem oil 5 ml/ l of water to control insects in mustard & toria at seedling stage.

VEGETABLES&FRUITS :

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. After rain apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent wilting in vegetables. To control leaf blight, leaf spot, Damping off and downy mildew after rain in vegetables apply 400gm metalaxyl + mancozeb in 200 liter water per acre. To control Fruit and shoot borer and leaf eating caterpillar in Brinjal and Okra and cauliflower Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water. Due to past rain present 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. In Banana crop, Water logging for more than 4 days is dangerous at any age of crop. Drain out water immediately. For sucker rot spray Bordeaux mixture @ 1g/lit or Copper Oxy Chloride @ 3 g/lit.

Animal husbandry:

Considering the minimum temperature, dairy farmers are advised to keep the animals in the cattle shed with concrete / brick roof.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-247
Date- 18/11/2021

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 4mm and district received average 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28°C and 21°C, respectively. Mean relative humidity of the district was around 93-87%.

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

Weather advisory: Very light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for Today to Saturday in the block. The day temperature will be 29-32°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-86% and 44-50% respectively. There will be mainly to partly cloudy sky for next 5 days.

Block	Cuttack sadar(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/11/2021	20/11/2021	21/11/2021	22/11/2021	23/11/2021
Rainfall(mm)	0	0	0	1	2
T-Max(°C)	29	29	31	32	32
T-Min(°C)	21	22	23	24	24
Cloud Cover(octa)	3	3	4	5	5
RH Max (%)	64	71	80	85	86
RH Min (%)	44	50	49	46	48
Wind Speed (Kmph)	9	8	6	5	7
Wind Direction (deg)	45	56	113	243	180

Agromet Advisory

General Advisory: Farmers should go for harvesting of matured paddy in the dry days before Sunday and if they had harvested before, then go for safe storage of harvested paddy. They should continue application of fertilizer and pesticide in the dry days(Today to Saturday). Farmers should undertake sowing of green gram, black gram, Mustard, sunflower, onion, garlic, tomato, brinjal, chilli, cabbage, cauliflower, radish, water melon and carrot by utilizing the realized rainfall.

Kharif Rice:

If rice is at maturity stage, drain out excess water /don't irrigate the field which may otherwise lead to lodging. Since the weather is expected to dry so go for harvesting the plants in between Sunday and if harvesting of rice was already done then store in a safer place. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC@ 2ml/liter of water. Present weather conditions is favourable for the incidence of Neck blast disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.If infestation of BPH & WBPH occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis.To prevent crop from Gundhi bug apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water.

PULSES:

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung) by utilization of past rain water. Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture@ 20-gram/ kg of seeds. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance. A prophylactic spray with Mancozeb@2.5g/lit of water is recommended to reduce the incidence of diseases.

Sugarcane: Remove the borer affected tillers and late formed tillers, tie the cane shoot with two or three together with partially dried lower leaves. Present weather conditions are favourable for the incidence of ring spot disease in Sugarcane. To control go for spraying of copperoxychloride @ 3g/l (or) Carbendazim @ 1g/l (or) Mancozeb @3g/l for three times once in three weeks. To control top shoot borers spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water For control of Sucking pest in sugarcane like Woolly aphid, Whitefly, Scale insects, mealybug in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

VEGETABLES&FRUITS :

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. After rain apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent wilting in vegetables. To control leaf blight, leaf spot, Damping off and downy mildew after rain in vegetables apply 400gm metalaxyl + mancozeb in 200 liter water per acre. To control Fruit and shoot borer and leaf eating caterpillar in Brinjal and Okra and cauliflower Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @70ml/acre and Thiodicarb@300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water. Due to past rain present 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. In Banana crop, Water logging for more than 4 days is dangerous at any age of crop. Drain out water immediately. For sucker rot spray Bordeaux mixture @ 1g/lit or CopperOxy Chloride @ 3 g/lit.

Animal husbandry:

Considering the minimum temperature, dairy farmers are advised to keep the animals in the cattle shed with concrete / brick roof.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-247
 Date- 18/11/2021

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 9mm and district received average 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28°C and 21°C, respectively. Mean relative humidity of the district was around 93-87%.

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

Weather advisory: *Very light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for Today to Saturday in the block.* The day temperature will be 29-32°C and night temperature will be 20-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-85% and 48-53% respectively. **There will be mainly to partly cloudy sky for next 5 days.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/11/2021	20/11/2021	21/11/2021	22/11/2021	23/11/2021
Rainfall(mm)	0	0	0	3	4
T-Max(°C)	29	30	31	32	32
T-Min(°C)	20	23	23	24	24
Cloud Cover(octa)	3	3	4	5	5
RH Max (%)	67	74	83	85	83
RH Min (%)	49	53	52	48	49
Wind Speed (Kmph)	10	9	7	6	7
Wind Direction (deg)	45	45	109	135	180

Agromet Advisory

General Advisory: **Farmers should go for harvesting of matured paddy in the dry days before Sunday** and if they had harvested before, then go for safe storage of harvested paddy. They should continue application of fertilizer and pesticide in the dry days (Today to Saturday). Farmers should undertake sowing of green gram, black gram, Mustard, sunflower, onion, garlic, tomato, brinjal, chilli, cabbage, cauliflower, radish, water melon and carrot by utilizing the realized rainfall.

Kharif Rice:

If rice is at maturity stage, drain out excess water / don't irrigate the field which may otherwise lead to lodging. Since the weather is expected to dry so go for harvesting the plants in between Sunday and if harvesting of rice was already done then store in a safer place. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25% EC @ 2ml/liter of water. Present weather conditions are favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water.

PULSES:

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung) by utilization of past rain water. Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture @ 20-gram/ kg of seeds. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance. **A prophylactic spray with Mancozeb @ 2.5g/lit of water is recommended to reduce the incidence of diseases.**

Sugarcane: Remove the borer affected tillers and late formed tillers, tie the cane shoot with two or three together with partially dried lower leaves. Present weather conditions are favourable for the incidence of **ring spot disease** in Sugarcane. To control go for spraying of copperoxychloride @ 3g/l (or) Carbendazim @ 1g/l (or) Mancozeb @ 3g/l for three times once in three weeks. To control **top shoot borers** spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water. For control of Sucking pest in sugarcane like **Woolly aphid, Whitefly, Scale insects, mealybug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

VEGETABLES & FRUITS :

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. **After rain apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent wilting in vegetables. To control leaf blight, leaf spot, Damping off and downy mildew after rain in vegetables apply 400gm metalaxyl + mancozeb in 200 liter water per acre.** To control **Fruit and shoot borer** and leaf eating caterpillar in **Brinjal and Okra and cauliflower** Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water. Due to past rain **present 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. In Banana crop, Water logging for more than 4 days is dangerous at any age of crop. Drain out water immediately. For sucker rot spray Bordeaux mixture @ 1g/lit or Copper Oxy Chloride @ 3 g/lit.**

Animal husbandry:

Considering the minimum temperature, dairy farmers are advised to keep the animals in the cattle shed with concrete / brick roof.

Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-247
Date- 18/11/2021

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 8mm and district received average 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28°C and 21°C, respectively. Mean relative humidity of the district was around 93-87%.

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

Weather advisory: *Very light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for Today to Saturday in the block.* The day temperature will be and it will be 29-32°C and night temperature will be 20-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-86% and 45-51% respectively. **There will be mainly to partly cloudy sky for next 5 days.**

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/11/2021	20/11/2021	21/11/2021	22/11/2021	23/11/2021
Rainfall(mm)	0	0	0	1	3
T-Max(°C)	29	29	31	32	32
T-Min(°C)	20	22	23	23	23
Cloud Cover(octal)	3	3	4	5	5
RH Max (%)	65	71	80	81	86
RH Min (%)	46	51	48	45	48
Wind Speed (Kmph)	10	8	6	6	6
Wind Direction (deg)	45	36	113	243	169

Agromet Advisory

General Advisory: **Farmers should go for harvesting of matured paddy in the dry days before Sunday** and if they had harvested before, then go for safe storage of harvested paddy. They should continue application of fertilizer and pesticide in the dry days (Today to Saturday). Farmers should undertake sowing of green gram, black gram, Mustard, sunflower, onion, garlic, tomato, brinjal, chilli, cabbage, cauliflower, radish, water melon and carrot by utilizing the realized rainfall.

Kharif Rice:

If rice is at maturity stage, drain out excess water /don't irrigate the field which may otherwise lead to lodging. Since the weather is expected to dry so go for harvesting the plants in between Sunday and if harvesting of rice was already done then store in a safer place. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Present weather conditions are favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water.

PULSES:

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung) by utilization of past rain water. Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture @ 20-gram/ kg of seeds. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance. **A prophylactic spray with Mancozeb @ 2.5g/lit of water is recommended to reduce the incidence of diseases.**

Sugarcane: Remove the borer affected tillers and late formed tillers, tie the cane shoot with two or three together with partially dried lower leaves. Present weather conditions are favourable for the incidence of **ring spot disease** in Sugarcane. To control go for spraying of copperoxychloride @ 3g/l (or) Carbendazim @ 1g/l (or) Mancozeb @ 3g/l for three times once in three weeks. To control **top shoot borers** spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water. For control of Sucking pest in sugarcane like **Woolly aphid, Whitefly, Scale insects, mealybug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

VEGETABLES&FRUITS :

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. **After rain apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent wilting in vegetables. To control leaf blight, leaf spot, Damping off and downy mildew after rain in vegetables apply 400gm metalaxyl + mancozeb in 200 liter water per acre.** To control **Fruit and shoot borer** and **leaf eating caterpillar** in **Brinjal and Okra and cauliflower** Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval in 200 liter of water. To control **YMV** in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water. Due to past rain **present 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. In Banana crop, Water logging for more than 4 days is dangerous at any age of crop. Drain out water immediately. For sucker rot spray Bordeaux mixture @ 1g/lit or Copper Oxy Chloride @ 3 g/lit.**

Animal husbandry:

Considering the minimum temperature, dairy farmers are advised to keep the animals in the cattle shed with concrete / brick roof.

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Bulletin No.-247
 Date- 18/11/2021

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 11mm and district received average 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28°C and 21°C, respectively. Mean relative humidity of the district was around 93-87%.

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

Weather advisory: *Very light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for Today to Saturday in the block.* The day temperature will be 29-32°C and night temperature will be 20-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-93% and 40-52% respectively. **There will be mainly to partly cloudy sky for next 5 days.**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/11/2021	20/11/2021	21/11/2021	22/11/2021	23/11/2021
Rainfall(mm)	0	0	0	1	1
T-Max(°C)	29	29	31	32	32
T-Min(°C)	20	21	22	23	23
Cloud Cover(octa)	3	3	4	5	5
RH Max (%)	68	80	92	90	93
RH Min (%)	40	45	52	50	49
Wind Speed (Kmph)	5	5	5	5	5
Wind Direction (deg)	77	111	158	195	167

Agromet Advisory

General Advisory: Farmers should go for harvesting of matured paddy in the dry days before Sunday and if they had harvested before, then go for safe storage of harvested paddy. They should continue application of fertilizer and pesticide in the dry days (Today to Saturday). Farmers should undertake sowing of green gram, black gram, Mustard, sunflower, onion, garlic, tomato, brinjal, chilli, cabbage, cauliflower, radish, water melon and carrot by utilizing the realized rainfall.

Kharif Rice:

If rice is at maturity stage, drain out excess water /don't irrigate the field which may otherwise lead to lodging. Since the weather is expected to dry so go for harvesting the plants in between Sunday and if harvesting of rice was already done then store in a safer place. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Present weather conditions are favourable for the incidence of Neck blast disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. If infestation of BPH & WBPH occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from Gundhi bug apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water.

PULSES:

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung) by utilization of past rain water. Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture @ 20-gram/ kg of seeds. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance. **A prophylactic spray with Mancozeb @ 2.5g/lit of water is recommended to reduce the incidence of diseases.**

Mustard:

Taking the advantage of realized rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @ 60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. **Spray neem oil 5 ml/ l of water to control insects in mustard & toria at seedling stage.**

VEGETABLES&FRUITS :

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. **After rain apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent wilting in vegetables. To control leaf blight, leaf spot, Damping off and downy mildew after rain in vegetables apply 400gm metalaxyl + mancozeb in 200 liter water per acre.** To control Fruit and shoot borer and leaf eating caterpillar in Brinjal and Okra and cauliflower Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water. Due to past rain **present 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. In Banana crop, Water logging for more than 4 days is dangerous at any age of crop. Drain out water immediately. For sucker rot spray Bordeaux mixture @ 1g/lit or Copper Oxy Chloride @ 3 g/lit.**

Animal husbandry:

Considering the minimum temperature, dairy farmers are advised to keep the animals in the cattle shed with concrete / brick roof.

Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-247
Date- 18/11/2021

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 6mm and district received average 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28°C and 21°C, respectively. Mean relative humidity of the district was around 93-87%.

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

Weather advisory: *Very light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for Today to Saturday in the block.* The day temperature will be 29-32°C and night temperature will be 20-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-85% and 50-55% respectively. **There will be mainly to partly cloudy sky for next 5 days.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/11/2021	20/11/2021	21/11/2021	22/11/2021	23/11/2021
Rainfall(mm)	0	0	0	3	4
T-Max(°C)	29	30	31	31	32
T-Min(°C)	20	23	23	24	24
Cloud Cover(octa)	3	3	4	5	5
RH Max (%)	67	75	84	85	83
RH Min (%)	51	55	54	51	50
Wind Speed(Kmph)	11	10	7	6	7
Wind Direction(deg)	45	45	109	135	180

Agromet Advisory

General Advisory: **Farmers should go for harvesting of matured paddy in the dry days before Sunday** and if they had harvested before, then go for safe storage of harvested paddy. They should continue application of fertilizer and pesticide in the dry days (Today to Saturday). Farmers should undertake sowing of green gram, black gram, Mustard, sunflower, onion, garlic, tomato, brinjal, chilli, cabbage, cauliflower, radish, water melon and carrot by utilizing the realized rainfall.

Kharif Rice:

If rice is at maturity stage, drain out excess water / don't irrigate the field which may otherwise lead to lodging. Since the weather is expected to dry so go for harvesting the plants in between Sunday and if harvesting of rice was already done then store in a safer place. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Present weather conditions are favourable for the incidence of Neck blast disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. If infestation of BPH & WBPH occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from Gundhi bug apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water.

PULSES:

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung) by utilization of past rain water. Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture @ 20-gram/ kg of seeds. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance. **A prophylactic spray with Mancozeb @ 2.5g/lit of water is recommended to reduce the incidence of diseases.**

Sugarcane: Remove the borer affected tillers and late formed tillers, tie the cane shoot with two or three together with partially dried lower leaves. Present weather conditions are favourable for the incidence of ring spot disease in Sugarcane. To control go for spraying of copperoxychloride @ 3g/l (or) Carbendazim @ 1g/l (or) Mancozeb @ 3g/l for three times once in three weeks. To control top shoot borers spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water. For control of sucking pest in sugarcane like Woolly aphid, Whitefly, Scale insects, mealybug in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

VEGETABLES & FRUITS:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. **After rain apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent wilting in vegetables. To control leaf blight, leaf spot, Damping off and downy mildew after rain in vegetables apply 400gm metalaxyl + mancozeb in 200 litre water per acre.** To control Fruit and shoot borer and leaf eating caterpillar in Brinjal and Okra and cauliflower Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water. Due to past rain present 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. In Banana crop, Water logging for more than 4 days is dangerous at any age of crop. Drain out water immediately. For sucker rot spray Bordeaux mixture @ 1g/lit or Copper Oxy Chloride @ 3 g/lit.

Animal husbandry:

Considering the minimum temperature, dairy farmers are advised to keep the animals in the cattle shed with concrete / brick roof.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-247
Date- 18/11/2021

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 6mm and district received average 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28°C and 21°C, respectively. Mean relative humidity of the district was around 93-87%.

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

Weather advisory: *Very light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for Today to Saturday in the block.* The day temperature will be 29-32°C and night temperature will be 20-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-86% and 46-52% respectively. **There will be mainly to partly cloudy sky for next 5 days.**

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/11/2021	20/11/2021	21/11/2021	22/11/2021	23/11/2021
Rainfall(mm)	0	0	0	1	3
T-Max(°C)	29	29	31	32	32
T-Min(°C)	20	22	23	23	23
Cloud Cover(octa)	3	3	4	5	5
RH Max (%)	65	71	81	81	86
RH Min (%)	47	52	49	46	48
Wind Speed (Kmph)	10	9	6	6	6
Wind Direction (deg)	45	45	113	113	169

Agromet Advisory

General Advisory: **Farmers should go for harvesting of matured paddy in the dry days before Sunday** and if they had harvested before, then go for safe storage of harvested paddy. They should continue application of fertilizer and pesticide in the dry days (Today to Saturday). Farmers should undertake sowing of green gram, black gram, Mustard, sunflower, onion, garlic, tomato, brinjal, chilli, cabbage, cauliflower, radish, water melon and carrot by utilizing the realized rainfall.

Kharif Rice:

If rice is at maturity stage, drain out excess water / don't irrigate the field which may otherwise lead to lodging. Since the weather is expected to dry so go for harvesting the plants in between Sunday and if harvesting of rice was already done then store in a safer place. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Present weather conditions are favourable for the incidence of Neck blast disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. If infestation of BPH & WBPH occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from Gundhi bug apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water.

PULSES:

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung) by utilization of past rain water. Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture @ 20-gram/ kg of seeds. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance. **A prophylactic spray with Mancozeb @ 2.5g/lit of water is recommended to reduce the incidence of diseases.**

Sugarcane: Remove the borer affected tillers and late formed tillers, tie the cane shoot with two or three together with partially dried lower leaves. Present weather conditions are favourable for the incidence of ring spot disease in Sugarcane. To control go for spraying of copperoxychloride @ 3g/l (or) Carbendazim @ 1g/l (or) Mancozeb @ 3g/l for three times once in three weeks. To control top shoot borers spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water. For control of sucking pest in sugarcane like Woolly aphid, Whitefly, Scale insects, mealybug in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

VEGETABLES & FRUITS:

Go for early planting of cole crops like radish, cabbage, cauliflower, beans, cluster bean and tomato. **After rain apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent wilting in vegetables. To control leaf blight, leaf spot, Damping off and downy mildew after rain in vegetables apply 400gm metalaxyl + mancozeb in 200 litre water per acre.** To control Fruit and shoot borer and leaf eating caterpillar in Brinjal and Okra and cauliflower Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water. Due to past rain present 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. In Banana crop, Water logging for more than 4 days is dangerous at any age of crop. Drain out water immediately. For sucker rot spray Bordeaux mixture @ 1g/lit or Copper Oxy Chloride @ 3 g/lit.

Animal husbandry:

Considering the minimum temperature, dairy farmers are advised to keep the animals in the cattle shed with concrete / brick roof.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-247
Date- 18/11/2021

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 12mm and district received average 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28°C and 21°C, respectively. Mean relative humidity of the district was around 93-87%.

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

Weather advisory: *Very light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for Today to Saturday in the block.* The day temperature will be 29-32°C and night temperature will be 20-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-86% and 46-52% respectively. **There will be mainly to partly cloudy sky for next 5 days.**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/11/2021	20/11/2021	21/11/2021	22/11/2021	23/11/2021
Rainfall(mm)	0	0	0	1	2
T-Max(°C)	29	29	31	32	32
T-Min(°C)	20	22	23	24	24
Cloud Cover(octa)	3	3	4	5	5
RH Max (%)	65	71	81	82	86
RH Min (%)	47	52	49	46	48
Wind Speed (Kmph)	10	9	6	5	6
Wind Direction (deg)	45	45	113	243	165

Agromet Advisory

General Advisory: **Farmers should go for harvesting of matured paddy in the dry days before Sunday** and if they had harvested before, then go for safe storage of harvested paddy. They should continue application of fertilizer and pesticide in the dry days (Today to Saturday). Farmers should undertake sowing of green gram, black gram, Mustard, sunflower, onion, garlic, tomato, brinjal, chilli, cabbage, cauliflower, radish, water melon and carrot by utilizing the realized rainfall.

Kharif Rice:

If rice is at maturity stage, drain out excess water /don't irrigate the field which may otherwise lead to lodging. Since the weather is expected to dry so go for harvesting the plants in between Sunday and if harvesting of rice was already done then store in a safer place. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. If infestation of **BPH & WBPH** occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from **Gundhi bug** apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water.

PULSES:

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung) by utilization of past rain water. Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture @ 20-gram/ kg of seeds. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance. **A prophylactic spray with Mancozeb @ 2.5g/lit of water is recommended to reduce the incidence of diseases.**

Mustard:

Taking the advantage of realized rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @ 60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. **Spray neem oil 5 ml/ l of water to control insects in mustard & toria at seedling stage.**

VEGETABLES&FRUITS:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. **After rain apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent wilting in vegetables. To control leaf blight, leaf spot, Damping off and downy mildew after rain in vegetables apply 400gm metalaxyl + mancozeb in 200 liter water per acre.** To control Fruit and shoot borer and leaf eating caterpillar in Brinjal and Okra and cauliflower Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water. Due to past rain **present 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. In Banana crop, Water logging for more than 4 days is dangerous at any age of crop. Drain out water immediately. For sucker rot spray Bordeaux mixture @ 1g/lit or CopperOxy Chloride @ 3 g/lit.**

Animal husbandry:

Considering the minimum temperature, dairy farmers are advised to keep the animals in the cattle shed with concrete / brick roof.

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Bulletin No.-247
Date- 18/11/2021

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 5mm and district received average 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28°C and 21°C, respectively. Mean relative humidity of the district was around 93-87%.

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

Weather advisory: Very light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for Today to Saturday in the block. The day temperature will be 29-32°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-82% and 53-60% respectively. There will be mainly to partly cloudy sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/11/2021	20/11/2021	21/11/2021	22/11/2021	23/11/2021
Rainfall(mm)	0	0	0	1	1
T-Max(°C)	29	30	31	31	32
T-Min(°C)	23	24	24	25	25
Cloud Cover(octa)	3	3	4	5	5
RH Max (%)	70	72	82	80	82
RH Min (%)	55	60	53	54	53
Wind Speed (Kmph)	13	11	8	8	8
Wind Direction (deg)	58	58	109	116	160

Agromet Advisory

General Advisory: Farmers should go for harvesting of matured paddy in the dry days before Sunday and if they had harvested before, then go for safe storage of harvested paddy. They should continue application of fertilizer and pesticide in the dry days (Today to Saturday). Farmers should undertake sowing of green gram, black gram, Mustard, sunflower, onion, garlic, tomato, brinjal, chilli, cabbage, cauliflower, radish, water melon and carrot by utilizing the realized rainfall.

Kharif Rice:

If rice is at maturity stage, drain out excess water / don't irrigate the field which may otherwise lead to lodging. Since the weather is expected to dry so go for harvesting the plants in between Sunday and if harvesting of rice was already done then store in a safer place. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Present weather conditions are favourable for the incidence of Neck blast disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. If infestation of BPH & WBPH occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from Gundhi bug apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water.

PULSES:

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung) by utilization of past rain water. Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture @ 20-gram/ kg of seeds. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance. A prophylactic spray with Mancozeb @ 2.5g/lit of water is recommended to reduce the incidence of diseases.

Mustard:

Taking the advantage of realized rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @ 60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. Spray neem oil 5 ml/ l of water to control insects in mustard & toria at seedling stage.

VEGETABLES&FRUITS:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. After rain apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent wilting in vegetables. To control leaf blight, leaf spot, Damping off and downy mildew after rain in vegetables apply 400gm metalaxyl + mancozeb in 200 liter water per acre. To control Fruit and shoot borer and leaf eating caterpillar in Brinjal and Okra and cauliflower Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water. Due to past rain present 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. In Banana crop, Water logging for more than 4 days is dangerous at any age of crop. Drain out water immediately. For sucker rot spray Bordeaux mixture @ 1g/lit or Copper Oxy Chloride @ 3 g/lit.

Animal husbandry:

Considering the minimum temperature, dairy farmers are advised to keep the animals in the cattle shed with concrete / brick roof.

Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-247
Date- 18/11/2021

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 4mm and district received average 7 mm rainfall during the last week. The mean daily maximum and minimum temperature was 28°C and 21°C, respectively. Mean relative humidity of the district was around 93-87%.

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

Weather advisory: Very light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for Today to Saturday in the block. The day temperature will be 29-32 and night temperature will be 20-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-88% and 43-51% respectively. There will be mainly to partly cloudy sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	19/11/2021	20/11/2021	21/11/2021	22/11/2021	23/11/2021
Rainfall(mm)	0	0	0	1	1
T-Max(°C)	29	29	31	32	32
T-Min(°C)	20	22	22	24	24
Cloud Cover(octa)	3	3	4	5	5
RH Max (%)	66	74	82	88	88
RH Min (%)	43	48	51	47	49
Wind Speed (Kmph)	7	6	5	5	7
Wind Direction (deg)	56	68	124	158	158

Agro met Advisory

General Advisory: Farmers should go for harvesting of matured paddy in the dry days before Sunday and if they had harvested before, then go for safe storage of harvested paddy. They should continue application of fertilizer and pesticide in the dry days (Today to Saturday). Farmers should undertake sowing of green gram, black gram, Mustard, sunflower, onion, garlic, tomato, brinjal, chilli, cabbage, cauliflower, radish, water melon and carrot by utilizing the realized rainfall.

Kharif Rice:

If rice is at maturity stage, drain out excess water / don't irrigate the field which may otherwise lead to lodging. Since the weather is expected to dry so go for harvesting the plants in between Sunday and if harvesting of rice was already done then store in a safer place. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Present weather conditions are favourable for the incidence of Neck blast disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L. If infestation of BPH & WBPH occurs, it is advised to alter the micro-climate of the rice field by alternate wetting and drying technique. If problem still persists, apply 40g Thiamethoxam or 60g Flonicamid per acre in alternate basis. To prevent crop from Gundhi bug apply 5 ml neem based insecticide (300 ppm) per liter of water or spray 1.5 ml Lambda Cyhalothrin per liter of water.

PULSES:

This is the time for sowing of pre-rabi Black gram (Biri) and Green gram (Mung) by utilization of past rain water. Grow high yielding varieties like T 9, PU 11, PU 19 and PU 30 for black gram; and K 851, PDM 11, PDM 54, OUM 115 for green gram. Use 10 kg seeds/acre. Before sowing, seeds are to be treated with the Rhizobium culture @ 20-gram/ kg of seeds. Apply 4 kg urea, 35 kg DAP and 13 kg MOP per acre during final land preparation. Sow the seeds in line of 30 cm apart with 10-15 cm plant to plant distance. A prophylactic spray with Mancozeb @ 2.5g/lit of water is recommended to reduce the incidence of diseases.

Mustard:

Taking the advantage of realized rain, land preparation and sowing of the crop should be started to get optimum yield. Suitable varieties: Toria- Anuradha, Parbati, Sushree, Indian mustard- Mahyco bold, JD 6. Seed rate- 8-10 Kg/ha Spacing- 30 cm X 10 cm, Fertilizer dose: Toria @ 60:30:30 N-P2O5-K2O Kg/ha Mustard @ 80:40:40 N-P2O5-K2O Kg/ha. Apply 50%N and all P2O5 and K2O fertilizers should be applied as basal. Spray neem oil 5 ml / l of water to control insects in mustard & toria at seedling stage.

VEGETABLES & FRUITS:

Go for early planting of cole crops like radish, cabbage, cauliflower, beans, cluster bean and tomato. After rain apply 1.5g Streptocycline + 25 g Copper Oxychloride in 10 litre water to prevent wilting in vegetables. To control leaf blight, leaf spot, Damping off and downy mildew after rain in vegetables apply 400gm metalaxyl + mancozeb in 200 liter water per acre. To control Fruit and shoot borer and leaf eating caterpillar in Brinjal and Okra and cauliflower Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water. Due to past rain present 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. In Banana crop, Water logging for more than 4 days is dangerous at any age of crop. Drain out water immediately. For sucker rot spray Bordeaux mixture @ 1g/lit or Copper Oxy Chloride @ 3 g/lit.

Animal husbandry:

Considering the minimum temperature, dairy farmers are advised to keep the animals in the cattle shed with concrete / brick roof.

Dr Sujata Sethy
(Nodal officer)



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advisories in local language and DAMINI
APP for Lightening alert in your area



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GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
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Bulletin No.-247
 Date- 18/11/2021

				
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- 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://imdagrimet.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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 (Nodal officer)



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