

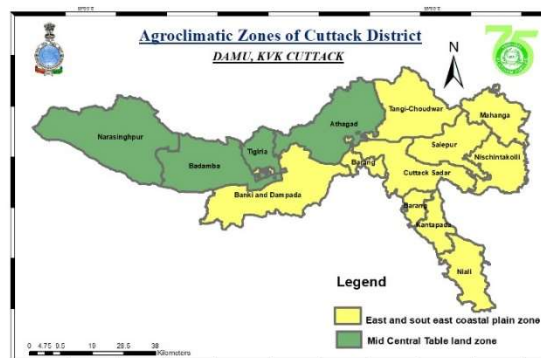


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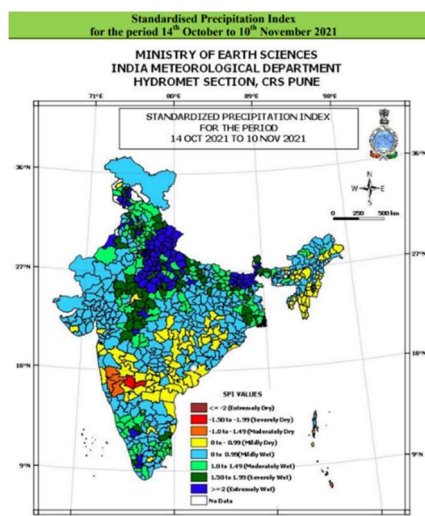


Bulletin No.-245
 Date- 12/11/2021

AGROCLIMATIC ZONES OF CUTTACK DISTRICT:



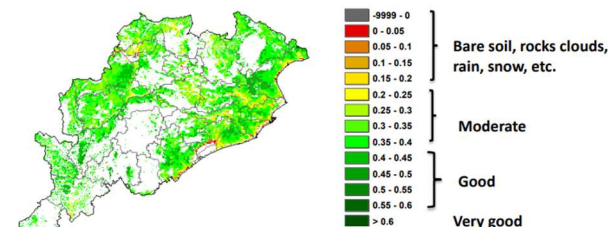
STANDARD PRECIPITATION INDEX AND NDVI MAP



As per SPI value (cumulative 4weeks - 14October-10 November 2021), Mildly wet condition was there in Cuttack district.

NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 44
 (29.10.2021 to 04.11.2021) over Agricultural region

Odisha



Agriculture vigour is good over many places of the state.

According to NDVI map (29.10.2021 to 04.11.2021) the agriculture vigor was moderate to good over maximum blocks and light over some parts of Athagad, western Baranga, Bankidampada, Niali, Cuttack sadarb block of Cuttack district.

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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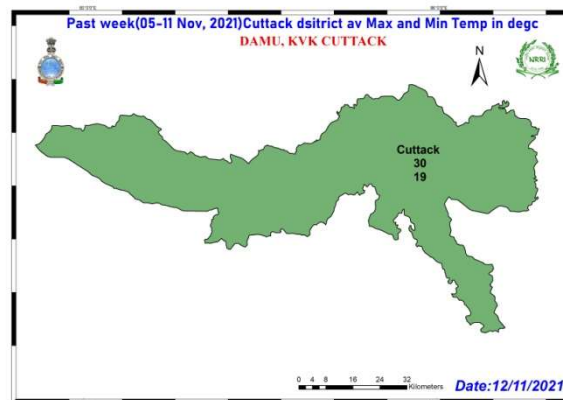
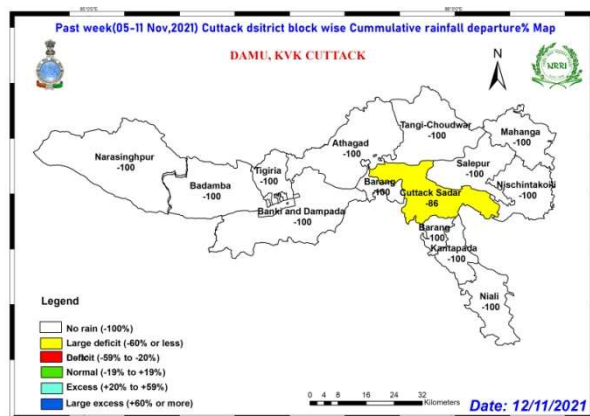


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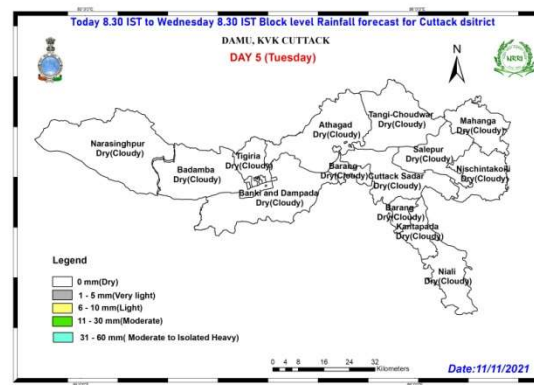
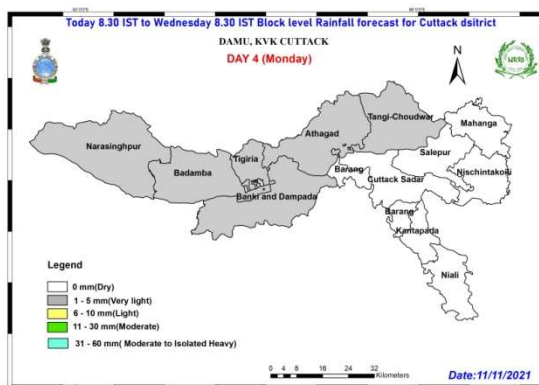
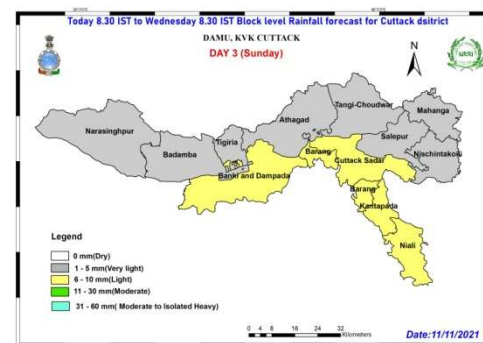
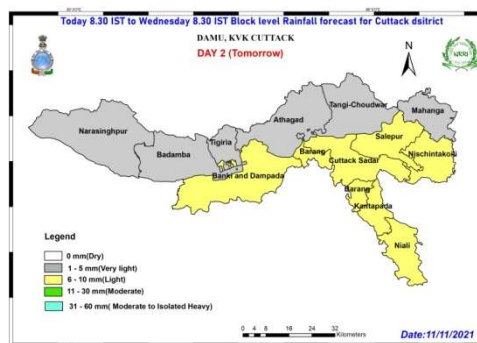
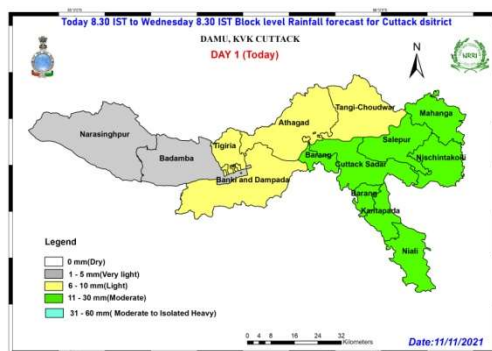


Bulletin No.-245
Date- 12/11/2021

Past week (05-11 November 2021) Cuttack district Cumulative Rainfall departure (%) and average Temperature map



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



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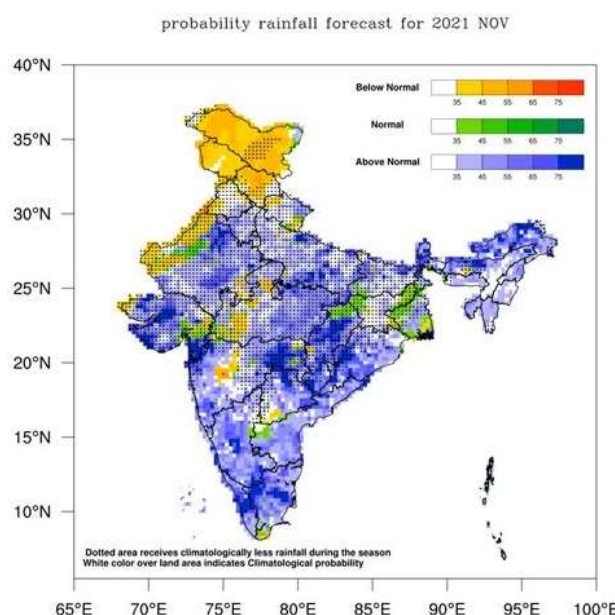
Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (17-23 November 2021)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	611.46	Above Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	-5.3	Normal
	Minimum temperature	2.53	Above Normal

General Agromet Advisory:- There will be above normal rainfall in subsequent week after 5 days (17-23 November 2021) in Odisha condition, and there will be light to moderate rainfall is forecasted for upcoming 4 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.*

South-west Monsoon has withdrawn from entire Odisha, from 23rd October, 2021

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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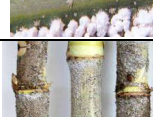






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Bulletin No.-245
 Date- 12/11/2021

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	Milky grain 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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	Vegetables	Seedling to vegetative		Wilting
				Leaf blight
				Damping off

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Bulletin No.-245
Date- 12/11/2021

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

The block received average 0mm and district received average 0.008 mm rainfall during the last week. The mean daily maximum and minimum temperature was 30°C and 19°C, respectively. Mean relative humidity of the district was around 77-67%.

Forecasted period: Today(8.30IST) to 17th November (8.30IST)2021

Weather advisory: *Light to very light rainfall is forecasted for today to Monday and dry weather is forecasted for Tuesday in the block.* The day temperature will be 26-31°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-95% and 53-85% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	13/11/2021	14/11/2021	15/11/2021	16/11/2021	17/11/2021
Rainfall (mm)	8	4	3	2	0
T-Max (°C)	31	26	30	30	30
T-Min (°C)	23	21	22	22	23
Cloud Cover (octa)	8	8	5	8	8
RH Max (%)	94	95	93	89	68
RH Min (%)	65	85	75	66	53
Wind Speed (kmph)	9	9	11	11	15
Wind Direction (deg)	79	66	68	56	58

Agromet Advisory

General Advisory: *Farmers should stop harvesting of matured paddy in the rainy days and if they had harvested before then go for safe storage of harvested paddy. They should stop irrigation, application of fertilizer and pesticide in the rainy days. 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 forecasted 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 rainy so pause harvesting the plants and if harvesting of rice was already done then store in a safer place and avoid field drying in the field for 3-4 days. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. 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). 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. **After cessation of rains, a prophylactic spray with Mancozeb @ 2.5g/lit of water is recommended to reduce the incidence of diseases.**

GROUNDNUT:

Harvesting of Groundnut should be done if 75-80 % of pods are fully matured. The important indication of maturity is yellowing of foliage and necrotic spotting of leaves and dropping of older leaves.

Mustard:

Taking the advantage of forecasted 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:

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, lea spot, Damping off in vegetables apply 400gm metalaxyl +mancozeb in 200 liter water per acre.** To control Fruit and shoot borer in Brinjal and Okra, 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.

Animal husbandry:

Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-245
Date- 12/11/2021

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 0mm and district received average 0.008 mm rainfall during the last week. The mean daily maximum and minimum temperature was 30°C and 19°C, respectively. Mean relative humidity of the district was around 77-67%.

Forecasted period: Today(8.30IST) to 17th November (8.30IST)2021

Weather advisory: Very light rainfall is forecasted for today to Monday and dry weather is forecasted for Tuesday in the block. The day temperature will be 26-30°C and night temperature will be 20-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-96% and 56-87% 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	13/11/2021	14/11/2021	15/11/2021	16/11/2021	17/11/2021
Rainfall(mm)	5	3	2	2	0
T-Max(°C)	29	26	29	30	30
T-Min(°C)	23	20	22	21	22
Cloud Cover(octa)	8	8	6	8	8
RH Max (%)	96	96	94	92	71
RH Min (%)	69	87	76	69	56
Wind Speed (Kmph)	8	7	9	9	12
Wind Direction (deg)	99	63	77	109	45

Agromet Advisory

General Advisory: Farmers should stop harvesting of matured paddy in the rainy days and if they had harvested before then go for safe storage of harvested paddy. They should stop irrigation, application of fertilizer and pesticide in the rainy days. 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 forecasted 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 rainy so pause harvesting the plants and if harvesting of rice was already done then store in a safer place and avoid field drying in the field for 3-4 days. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. To control rice ear head bug, go for spraying of Dichlorvos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. 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 baesd 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). 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. After cessation of rains, a prophylactic spray with Mancozeb @ 2.5g/lit of water is recommended to reduce the incidence of diseases.

GROUNDNUT:

Harvesting of Groundnut should be done if 75-80 % of pods are fully matured. The important indication of maturity is yellowing of foliage and necrotic spotting of leaves and dropping of older leaves.

Mustard:

Taking the advantage of forecasted 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:

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 in vegetables apply 400gm metalaxyl + mancozeb in 200 liter water per acre. To control Fruit and shoot borer in Brinjal and Okra, 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.

Animal husbandry:

Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

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Bulletin No.-245
Date- 12/11/2021

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 0.008 mm rainfall during the last week. The mean daily maximum and minimum temperature was 30°C and 19°C, respectively. Mean relative humidity of the district was around 77-67%.

Forecasted period: Today(8.30IST) to 17th November (8.30IST)2021

Weather advisory: Light to very light rainfall is forecasted for today to Monday and dry weather is forecasted for Tuesday in the block. The day temperature will be 26-30°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-95% and 54-86% 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	13/11/2021	14/11/2021	15/11/2021	16/11/2021	17/11/2021
Rainfall(mm)	9	6	6	3	0
T-Max(°C)	30	26	29	30	30
T-Min(°C)	23	21	22	22	22
Cloud Cover(octa)	8	7	6	8	8
RH Max (%)	95	95	94	91	68
RH Min (%)	68	86	76	68	54
Wind Speed (Kmph)	9	9	11	10	15
Wind Direction (deg)	79	58	68	56	58

Agromet Advisory

General Advisory: Farmers should stop harvesting of matured paddy in the rainy days and if they had harvested before then go for safe storage of harvested paddy. They should stop irrigation, application of fertilizer and pesticide in the rainy days. 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 forecasted rainfall.

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Bulletin No.-245
Date- 12/11/2021

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 0mm and district received average 0.008 mm rainfall during the last week. The mean daily maximum and minimum temperature was 30°C and 19°C, respectively. Mean relative humidity of the district was around 77-67%.

Forecasted period: Today(8.30IST) to 17th November (8.30IST)2021

Weather Advisory: Light to very light rainfall is forecasted for today to Monday and dry weather is forecasted for Tuesday in the block. The day temperature will be 26-30°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-95% and 54-87% 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	13/11/2021	14/11/2021	15/11/2021	16/11/2021	17/11/2021
Rainfall(mm)	10	7	8	4	0
T-Max(°C)	30	26	29	30	30
T-Min(°C)	23	21	22	22	22
Cloud Cover(octa)	8	7	6	8	8
RH Max (%)	95	95	94	91	67
RH Min (%)	68	87	76	68	54
Wind Speed (Kmph)	9	9	11	11	15
Wind Direction (deg)	71	58	68	56	58

Agromet Advisory

General Advisory: Farmers should stop harvesting of matured paddy in the rainy days and if they had harvested before then go for safe storage of harvested paddy. They should stop irrigation, application of fertilizer and pesticide in the rainy days. 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 forecasted 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 rainy so pause harvesting the plants and if harvesting of rice was already done then store in a safer place and avoid field drying in the field for 3-4 days. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC@ 2ml/liter of water. To control rice ear head bug, go for spraying of Dichlorvos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. 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 baesd 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). 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. After cessation of rains, a prophylactic spray with Mancozeb@2.5g/lit of water is recommended to reduce the incidence of diseases.

GROUNDNUT:

Harvesting of Groundnut should be done if 75-80 % of pods are fully matured. The important indication of maturity is yellowing of foliage and necrotic spotting of leaves and dropping of older leaves.

Mustard:

Taking the advantage of forecasted 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:

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 in vegetables apply 400gm metalaxyl +mancozeb in 200 liter water per acre. To control Fruit and shoot borer in Brinjal and Okra, 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.

Animal husbandry:

Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-245
Date- 12/11/2021

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 0mm and district received average 0.008 mm rainfall during the last week. The mean daily maximum and minimum temperature was 30°C and 19°C, respectively. Mean relative humidity of the district was around 77-67%.

Forecasted period: Today (8.30IST) to 17th November (8.30IST)2021

Weather advisory: *Moderate rainfall is forecasted for today and light to very light rainfall is forecasted for tomorrow and Sunday and dry weather is forecasted next 2 days in the block.* The day temperature will be 26-31°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-96% and 53-86% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	13/11/2021	14/11/2021	15/11/2021	16/11/2021	17/11/2021
Rainfall(mm)	11	7	8	0	0
T-Max(°C)	30	26	29	31	30
T-Min(°C)	24	21	22	22	23
Cloud Cover	8	7	5	8	8
RH Max (%)	94	96	94	87	66
RH Min (%)	67	86	77	65	53
Wind Speed (Kmph)	11	13	12	14	19
Wind Direction (deg)	68	45	64	56	32

Agromet Advisory

General Advisory: *Farmers should stop harvesting of matured paddy in the rainy days and if they had harvested before then go for safe storage of harvested paddy. They should stop irrigation, application of fertilizer and pesticide in the rainy days. 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 forecasted 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 rainy so pause harvesting the plants and if harvesting of rice was already done then store in a safer place and avoid field drying in the field for 3-4 days. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. 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 baesd 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). 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. **After cessation of rains, a prophylactic spray with Mancozeb @ 2.5g/lit of water is recommended to reduce the incidence of diseases.**

GROUNDNUT:

Harvesting of Groundnut should be done if 75-80 % of pods are fully matured. The important indication of maturity is yellowing of foliage and necrotic spotting of leaves and dropping of older leaves.

Mustard:

Taking the advantage of forecasted 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:

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, lea spot, Damping off in vegetables apply 400gm metalaxyl +mancozeb in 200 liter water per acre.** To control Fruit and shoot borer in Brinjal and Okra, 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.

Animal husbandry:

Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-245
Date- 12/11/2021

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 0.1 mm and district received average 0.008 mm rainfall during the last week. The mean daily maximum and minimum temperature was 30°C and 19°C, respectively. Mean relative humidity of the district was around 77-67%.

Forecasted period: Today (8.30IST) to 17th November (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for today and light to very light rainfall is forecasted for tomorrow and Sunday and dry weather is forecasted next 2 days in the block. The day temperature will be 25-31°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-95% and 53-86% 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	13/11/2021	14/11/2021	15/11/2021	16/11/2021	17/11/2021
Rainfall(mm)	12	6	6	0	0
T-Max(°C)	31	25	30	31	30
T-Min(°C)	24	21	22	22	23
Cloud Cover(octa)	8	7	5	8	8
RH Max (%)	93	95	93	86	65
RH Min (%)	65	86	75	63	53
Wind Speed (Kmph)	10	12	12	14	19
Wind Direction (deg)	68	58	63	58	63

Agromet Advisory

General Advisory: Farmers should stop harvesting of matured paddy in the rainy days and if they had harvested before then go for safe storage of harvested paddy. They should stop irrigation, application of fertilizer and pesticide in the rainy days. 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 forecasted 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 rainy so pause harvesting the plants and if harvesting of rice was already done then store in a safer place and avoid field drying in the field for 3-4 days. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. To control rice ear head bug, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. 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 baesd 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). 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. After cessation of rains, 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.

Mustard: Taking the advantage of forecasted 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:

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 in vegetables apply 400gm metalaxyl + mancozeb in 200 liter water per acre. To control Fruit and shoot borer in Brinjal and Okra, 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.

Animal husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-245
Date- 12/11/2021

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 0mm and district received average 0.008 mm rainfall during the last week. The mean daily maximum and minimum temperature was 30°C and 19°C, respectively. Mean relative humidity of the district was around 77-67%.

Forecasted period: Today(8.30IST) to 17th November (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for today and light to very light rainfall is forecasted for tomorrow and Sunday and dry weather is forecasted next 2 days in the block. The day temperature will be 27-31°C and night temperature will be 22-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-96% and 53-81% 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	13/11/2021	14/11/2021	15/11/2021	16/11/2021	17/11/2021
Rainfall(mm)	13	6	9	0	0
T-Max(°C)	30	27	29	31	30
T-Min(°C)	24	22	22	22	23
Cloud Cover(octa)	8	7	5	8	8
RH Max (%)	94	96	95	88	67
RH Min (%)	69	81	77	66	53
Wind Speed (Kmph)	11	14	12	15	20
Wind Direction (deg)	64	32	58	45	32

Agromet Advisory

General Advisory: Farmers should stop harvesting of matured paddy in the rainy days and if they had harvested before then go for safe storage of harvested paddy. They should stop irrigation, application of fertilizer and pesticide in the rainy days. 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 forecasted 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 rainy so pause harvesting the plants and if harvesting of rice was already done then store in a safer place and avoid field drying in the field for 3-4 days. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. To control rice ear head bug, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. 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 baesd 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). 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 distance. After cessation of rains, 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.

Mustard: Taking the advantage of forecasted 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:

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, lea spot, Damping off in vegetables apply 400gm metalaxyl + mancozeb in 200 liter water per acre. To control Fruit and shoot borer in Brinjal and Okra, 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.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-245
 Date- 12/11/2021

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 0mm and district received average 0.008 mm rainfall during the last week. The mean daily maximum and minimum temperature was 30°C and 19°C, respectively. Mean relative humidity of the district was around 77-67%.

Forecasted period: Today(8.30IST) to 17th November (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for today and very light rainfall is forecasted for tomorrow and Sunday and dry weather is forecasted next 2 days in the block. The day temperature will be and it will be 25-31°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-96% and 53-85% 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	13/11/2021	14/11/2021	15/11/2021	16/11/2021	17/11/2021
Rainfall(mm)	11	4	3	0	0
T-Max(°C)	31	25	29	31	29
T-Min(°C)	23	21	22	22	23
Cloud Cover(octal)	8	7	5	8	8
RH Max (%)	92	96	92	85	65
RH Min (%)	64	85	77	63	52
Wind Speed (Kmph)	11	13	13	15	20
Wind Direction (deg)	68	32	58	45	32

Agromet Advisory

General Advisory: Farmers should stop harvesting of matured paddy in the rainy days and if they had harvested before then go for safe storage of harvested paddy. They should stop irrigation, application of fertilizer and pesticide in the rainy days. 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 forecasted 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 rainy so pause harvesting the plants and if harvesting of rice was already done then store in a safer place and avoid field drying in the field for 3-4 days. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. To control rice ear head bug, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. 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 baesd 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). 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. After cessation of rains, 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.

Mustard: Taking the advantage of forecasted 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:

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 in vegetables apply 400gm metalaxyl + mancozeb in 200 liter water per acre. To control Fruit and shoot borer in Brinjal and Okra, 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.

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KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)

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Bulletin No.-245
Date- 12/11/2021

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 0mm and district received average 0.008 mm rainfall during the last week. The mean daily maximum and minimum temperature was 30°C and 19°C, respectively. Mean relative humidity of the district was around 77-67%.

Forecasted period: Today(8.30IST) to 17th November (8.30IST)2021

Weather advisory: Very light rainfall is forecasted for today to Monday and dry weather is forecasted for Tuesday in the block. The day temperature will be 25-30°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-97% and 55-89% 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	13/11/2021	14/11/2021	15/11/2021	16/11/2021	17/11/2021
Rainfall(mm)	5	3	2	1	0
T-Max(°C)	28	25	29	29	30
T-Min(°C)	22	20	22	21	21
Cloud Cover(octa)	8	8	7	8	8
RH Max (%)	97	97	95	94	78
RH Min (%)	68	89	73	69	55
Wind Speed (Kmph)	6	6	7	6	8
Wind Direction (deg)	77	77	108	105	45

Agromet Advisory

General Advisory: Farmers should stop harvesting of matured paddy in the rainy days and if they had harvested before then go for safe storage of harvested paddy. They should stop irrigation, application of fertilizer and pesticide in the rainy days. 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 forecasted 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 rainy so pause harvesting the plants and if harvesting of rice was already done then store in a safer place and avoid field drying in the field for 3-4 days. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. To control rice ear head bug, go for spraying of Dichlorvos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. 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 baesd 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). 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. After cessation of rains, a prophylactic spray with Mancozeb @ 2.5g/lit of water is recommended to reduce the incidence of diseases.

GROUNDNUT:

Harvesting of Groundnut should be done if 75-80 % of pods are fully matured. The important indication of maturity is yellowing of foliage and necrotic spotting of leaves and dropping of older leaves.

Mustard:

Taking the advantage of forecasted 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:

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 in vegetables apply 400gm metalaxyl + mancozeb in 200 liter water per acre. To control Fruit and shoot borer in Brinjal and Okra, 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.

Animal husbandry:

Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

Dr Sujata Sethy
(Nodal officer)



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Debasish Jena
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Bulletin No.-245
Date- 12/11/2021

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 0mm and district received average 0.008 mm rainfall during the last week. The mean daily maximum and minimum temperature was 30°C and 19°C, respectively. Mean relative humidity of the district was around 77-67%.

Forecasted period: Today(8.30IST) to 17th November (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for today and light to very light rainfall is forecasted for tomorrow and Sunday and dry weather is forecasted next 2 days in the block. The day temperature will be 28-31°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-96% and 54-77% 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	13/11/2021	14/11/2021	15/11/2021	16/11/2021	17/11/2021
Rainfall(mm)	15	8	9	0	0
T-Max(°C)	30	28	29	31	30
T-Min(°C)	25	22	23	22	23
Cloud Cover(octa)	8	6	5	8	8
RH Max (%)	93	96	94	87	67
RH Min (%)	70	77	75	68	54
Wind Speed(Kmph)	12	14	13	15	21
Wind Direction(deg)	63	32	58	45	32

Agromet Advisory

General Advisory: Farmers should stop harvesting of matured paddy in the rainy days and if they had harvested before then go for safe storage of harvested paddy. They should stop irrigation, application of fertilizer and pesticide in the rainy days. 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 forecasted 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 rainy so pause harvesting the plants and if harvesting of rice was already done then store in a safer place and avoid field drying in the field for 3-4 days. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. To control rice ear head bug, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. 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). 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. After cessation of rains, 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.

Mustard: Taking the advantage of forecasted 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:

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 in vegetables apply 400gm metalaxyl + mancozeb in 200 liter water per acre. To control Fruit and shoot borer in Brinjal and Okra, 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.

Animal husbandry: Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

Dr Sujata Sethy
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Bulletin No.-245
Date- 12/11/2021

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 0mm and district received average 0.008 mm rainfall during the last week. The mean daily maximum and minimum temperature was 30°C and 19°C, respectively. Mean relative humidity of the district was around 77-67%.

Forecasted period: Today(8.30IST) to 17th November (8.30IST)2021

Weatheradvisory: Moderate rainfall is forecasted for today and light to very light rainfall is forecasted for tomorrow and Sunday and dry weather is forecasted next 2 days in the block. The day temperature will be 26-31°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-96% and 52-83% 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	13/11/2021	14/11/2021	15/11/2021	16/11/2021	17/11/2021
Rainfall(mm)	12	6	5	0	0
T-Max(°C)	31	26	29	31	30
T-Min(°C)	24	21	22	22	23
Cloud Cover(octa)	8	7	5	8	8
RH Max (%)	92	96	93	85	65
RH Min (%)	66	83	79	63	52
Wind Speed (Kmph)	11	14	13	15	21
Wind Direction (deg)	68	32	58	32	32

Agromet Advisory

General Advisory: Farmers should stop harvesting of matured paddy in the rainy days and if they had harvested before then go for safe storage of harvested paddy. They should stop irrigation, application of fertilizer and pesticide in the rainy days. 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 forecasted 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 rainy so pause harvesting the plants and if harvesting of rice was already done then store in a safer place and avoid field drying in the field for 3-4 days. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. To control rice ear head bug, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. 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). 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. After cessation of rains, 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.

Mustard:

Taking the advantage of forecasted 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:

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 in vegetables apply 400gm metalaxyl + mancozeb in 200 liter water per acre. To control Fruit and shoot borer in Brinjal and Okra, 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.

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Bulletin No.-245
Date- 12/11/2021

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 0mm and district received average 0.008 mm rainfall during the last week. The mean daily maximum and minimum temperature was 30°C and 19°C, respectively. Mean relative humidity of the district was around 77-67%.

Forecasted period: Today(8.30IST) to 17th November (8.30IST)2021

Weatheradvisory: Moderate rainfall is forecasted for today and light to very light rainfall is forecasted for tomorrow and Sunday and dry weather is forecasted next 2 days in the block. The day temperature will be 26-31°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-96% and 52-84% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	13/11/2021	14/11/2021	15/11/2021	16/11/2021	17/11/2021
Rainfall(mm)	12	6	4	0	0
T-Max(°C)	31	26	29	31	30
T-Min(°C)	24	21	22	22	23
Cloud Cover(octa)	8	7	5	8	8
RH Max (%)	93	96	93	85	65
RH Min (%)	66	84	79	63	52
Wind Speed (Kmph)	11	14	13	15	20
Wind Direction (deg)	68	32	58	45	32

Agromet Advisory

General Advisory: Farmers should stop harvesting of matured paddy in the rainy days and if they had harvested before then go for safe storage of harvested paddy. They should stop irrigation, application of fertilizer and pesticide in the rainy days. 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 forecasted 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 rainy so pause harvesting the plants and if harvesting of rice was already done then store in a safer place and avoid field drying in the field for 3-4 days. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. To control rice ear head bug, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. 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). 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. After cessation of rains, a prophylactic spray with Mancozeb @ 2.5g/lit of water is recommended to reduce the incidence of diseases.

GROUNDNUT:

Harvesting of Groundnut should be done if 75-80 % of pods are fully matured. The important indication of maturity is yellowing of foliage and necrotic spotting of leaves and dropping of older leaves.

Mustard:

Taking the advantage of forecasted 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:

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 in vegetables apply 400gm metalaxyl + mancozeb in 200 liter water per acre. To control Fruit and shoot borer in Brinjal and Okra, 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.

Animal husbandry:

Provide sufficient clean drinking water

to animals. Contact departmental personnel for vaccination.

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Bulletin No.-245
Date- 12/11/2021

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 0mm and district received average 0.008 mm rainfall during the last week. The mean daily maximum and minimum temperature was 30°C and 19°C, respectively. Mean relative humidity of the district was around 77-67%.

Forecasted period: Today(8.30IST) to 17th November (8.30IST)2021

Weather advisory: Light to very light rainfall is forecasted for today to Monday and dry weather is forecasted for Tuesday in the block. The day temperature will be 28-29°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-92% and 58-80% 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	13/11/2021	14/11/2021	15/11/2021	16/11/2021	17/11/2021
Rainfall(mm)	8	5	3	1	0
T-Max(°C)	29	28	28	29	29
T-Min(°C)	26	24	24	24	25
Cloud Cover(octa)	8	6	5	8	8
RH Max (%)	89	92	89	83	66
RH Min (%)	73	77	80	70	58
Wind Speed (Kmph)	14	15	16	19	25
Wind Direction (deg)	72	58	63	45	24

Agromet Advisory

General Advisory: Farmers should stop harvesting of matured paddy in the rainy days and if they had harvested before then go for safe storage of harvested paddy. They should stop irrigation, application of fertilizer and pesticide in the rainy days. 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 forecasted 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 rainy so pause harvesting the plants and if harvesting of rice was already done then store in a safer place and avoid field drying in the field for 3-4 days. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. 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). 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. **After cessation of rains, a prophylactic spray with Mancozeb @ 2.5g/lit of water is recommended to reduce the incidence of diseases.**

GROUNDNUT:

Harvesting of Groundnut should be done if 75-80 % of pods are fully matured. The important indication of maturity is yellowing of foliage and necrotic spotting of leaves and dropping of older leaves.

Mustard:

Taking the advantage of forecasted 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:

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 in vegetables apply 400gm metalaxyl + mancozeb in 200 liter water per acre.** To control Fruit and shoot borer in Brinjal and Okra, 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.

Animal husbandry:

Provide sufficient clean drinking water to animals. Contact departmental personnel for vaccination.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-245
Date- 12/11/2021

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 0mm and district received average 0.008 mm rainfall during the last week. The mean daily maximum and minimum temperature was 30°C and 19°C, respectively. Mean relative humidity of the district was around 77-67%.

Forecasted period: Today(8.30IST) to 17th November (8.30IST)2021

Weather advisory: Light to very light rainfall is forecasted for today to Monday and dry weather is forecasted for Tuesday in the block. The day temperature will be 26-30 and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-96% and 55-85% 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	13/11/2021	14/11/2021	15/11/2021	16/11/2021	17/11/2021
Rainfall(mm)	7	3	2	1	0
T-Max(°C)	30	26	29	30	30
T-Min(°C)	23	21	22	22	23
Cloud Cover(octa)	8	8	6	8	8
RH Max (%)	95	96	93	91	69
RH Min (%)	67	85	77	68	55
Wind Speed (Kmph)	8	8	10	10	13
Wind Direction (deg)	99	66	77	56	58

Agromet Advisory

General Advisory: Farmers should stop harvesting of matured paddy in the rainy days and if they had harvested before then go for safe storage of harvested paddy. They should stop irrigation, application of fertilizer and pesticide in the rainy days. 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 forecasted 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 rainy so pause harvesting the plants and if harvesting of rice was already done then store in a safer place and avoid field drying in the field for 3-4 days. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. 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). 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. **After cessation of rains, a prophylactic spray with Mancozeb @ 2.5g/lit of water is recommended to reduce the incidence of diseases.**

GROUNDNUT:

Harvesting of Groundnut should be done if 75-80 % of pods are fully matured. The important indication of maturity is yellowing of foliage and necrotic spotting of leaves and dropping of older leaves.

Mustard:

Taking the advantage of forecasted 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.**

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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.
- Follow the **Official Website links** to get the weather based agromet advisory service bulletins **(English & Odia)**

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

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