

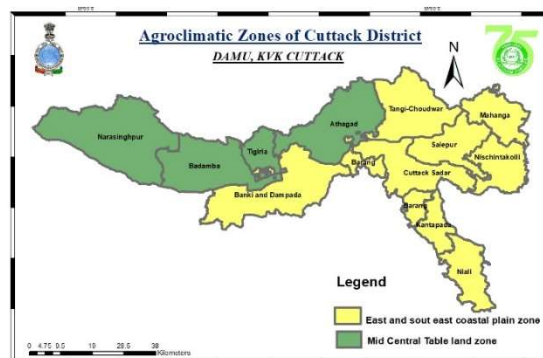


GRAMIN KRISHI MAUSAM SEWA
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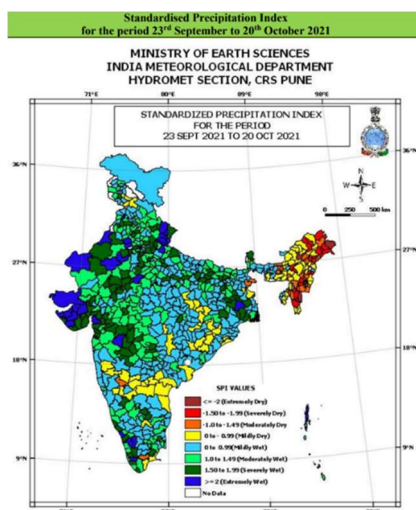


Bulletin No.-242
Date- 02/11/2021

AGROCLIMATIC ZONES OF CUTTACK DISTRICT:

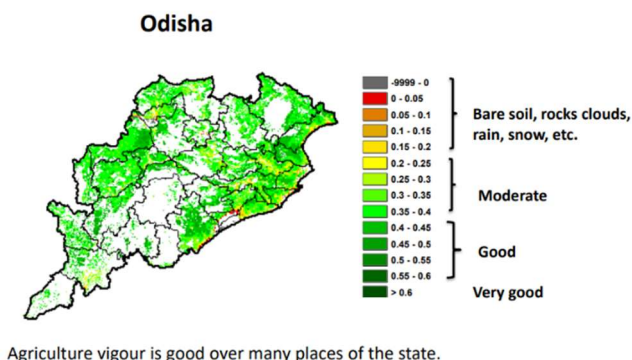


STANDARD PRECIPITATION INDEX AND NDVI MAP



As per SPI value (cumulative 4weeks - 23September to20 October 2021), Mildly wet condition was there in Cuttack district.

**NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 43
 (22.10.2021 to 28.10.2021) over Agricultural region**



Agriculture vigour is good over many places of the state.

According to NDVI map (22.10.2021 to 28.10.2021) the agriculture vigor was moderate to good over maximum blocks and light over some parts of Athagad, western Baranga, Banki dampada, Niali blocks 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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Debasish Jena
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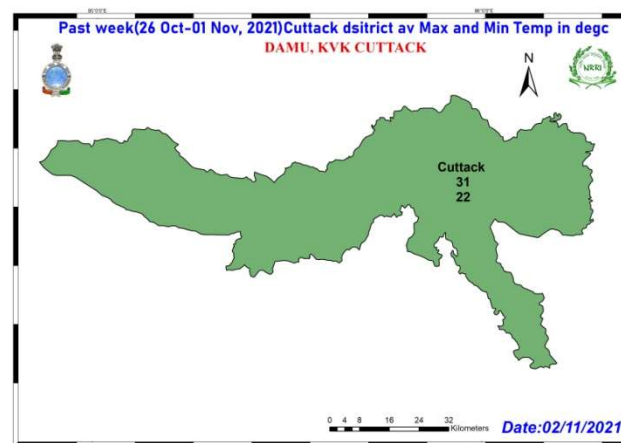
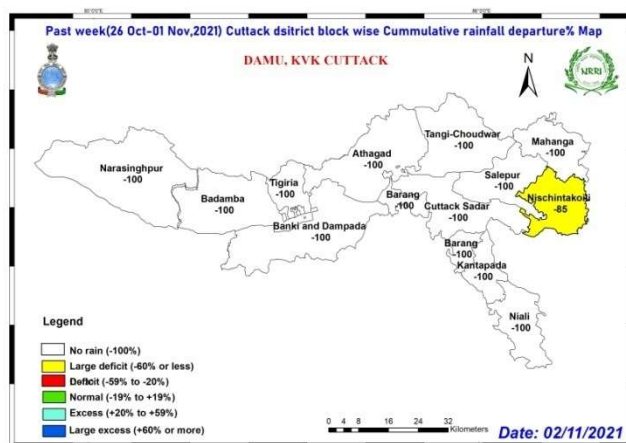


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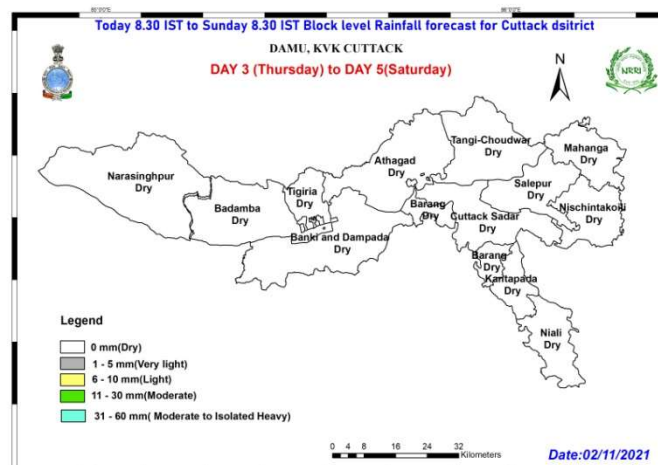
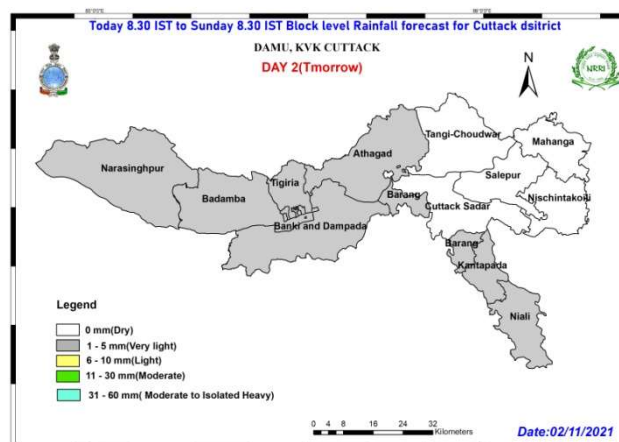
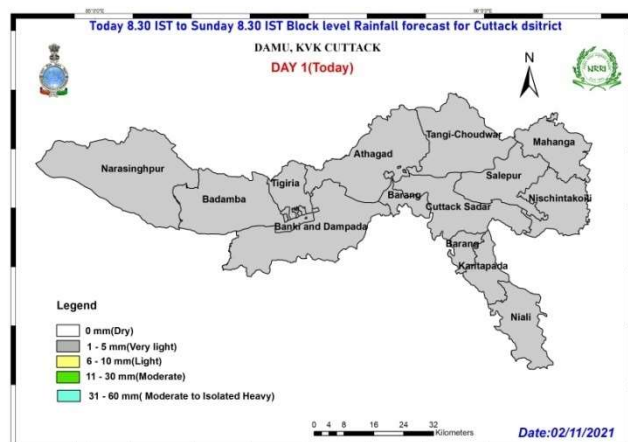


Bulletin No.-242
Date- 02/11/2021

Past week (26 October-01 November 2021) Cuttack district Cumulative Rainfall departure (%) and average Temperature



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



Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-242
Date- 02/11/2021

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Weather (Past and Forecasted) based Disease and pest in Major Crops and vegetables

Sl No	Crop	Stage and condition of the crop	Anticipated Disease and pest	
1	Rice	Panicle initiation to Flowering stage		Leaf folder
				BPH
				Gundhi bug
				False smut
				Sheath Blight
				Bacterial leaf streak
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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Bulletin No.-242
Date- 02/11/2021

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

The block received average 0mm and district received average 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 22°C, respectively. Mean relative humidity of the district was around 80-70%.

Forecasted period: Today(8.30IST) to 07th November (8.30IST)2021

Weather advisory:: *Very light rainfall is forecasted for today and tomorrow and dry weather is forecasted for next 3 days in the block. The day temperature will be 30-31°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-84% and 35-53% 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	03/11/2021	04/11/2021	05/11/2021	06/11/2021	07/11/2021
Rainfall (mm)	1	1	0	0	0
T-Max (°C)	31	31	31	30	31
T-Min (°C)	23	23	23	21	21
Cloud Cover (octa)	6	4	6	4	2
RH Max (%)	74	82	84	77	64
RH Min (%)	53	51	51	45	35
Wind Speed (kmph)	7	6	6	6	7
Wind Direction (deg)	90	34	34	360	324

Agromet Advisory

General Advisory: *Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Keep watch on the infestation of gundhi bug and BPH in paddy. Complete nursery sowing for winter vegetable crops. Irrigate the vegetable nursery during morning and evening time. Go for sowing black gram and green gram in upland rice fallow condition.*

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @ 400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.

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. 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.

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 available soil moisture due to recent 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.

VEGETABLES:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. **In case of Cauliflower in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied. Short duration Cauliflower varieties (5-6 weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm**

- 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.-242
Date- 02/11/2021

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 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 22°C, respectively. Mean relative humidity of the district was around 80-70%.

Forecasted period: Today(8.30IST) to 07th November (8.30IST)2021

Weather advisory: Very light rainfall is forecasted for today and tomorrow and dry weather is forecasted for next 3 days in the block. The day temperature will be 30-31°C and night temperature will be 20-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-90% and 36-53% 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	03/11/2021	04/11/2021	05/11/2021	06/11/2021	07/11/2021
Rainfall(mm)	1	1	0	0	0
T-Max(°C)	31	31	31	30	30
T-Min(°C)	23	22	22	21	20
Cloud Cover(octa)	6	4	6	5	2
RH Max (%)	80	87	90	81	63
RH Min (%)	52	51	53	52	36
Wind Speed (Kmph)	6	5	5	5	6
Wind Direction (deg)	113	34	56	360	333

Agromet Advisory

General Advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Keep watch on the infestation of gundhi bug and BPH in paddy. Complete nursery sowing for winter vegetable crops. Irrigate the vegetable nursery during morning and evening time. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @ 400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.

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. 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.

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 available soil moisture due to recent 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.

VEGETABLES:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. In case of Cauliflower in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied. Short duration Cauliflower varieties (5-6 weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm

- 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.-242
Date- 02/11/2021

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 22°C, respectively. Mean relative humidity of the district was around 80-70%.

Forecasted period: Today(8.30IST) to 07th November (8.30IST)2021

Weather advisory: Very light rainfall is forecasted for today and tomorrow and dry weather is forecasted for next 3 days in the block. The day temperature will be 30-31°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-87% and 35-53% 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	03/11/2021	04/11/2021	05/11/2021	06/11/2021	07/11/2021
Rainfall(mm)	2	2	0	0	0
T-Max(°C)	31	31	31	30	31
T-Min(°C)	23	23	23	21	21
Cloud Cover(octa)	6	4	6	5	2
RH Max (%)	76	84	87	77	63
RH Min (%)	52	51	53	49	35
Wind Speed (Kmph)	7	6	6	6	7
Wind Direction (deg)	68	34	34	15	332

Agromet Advisory

General Advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Keep watch on the infestation of gundhi bug and BPH in paddy. Complete nursery sowing for winter vegetable crops. Irrigate the vegetable nursery during morning and evening time. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptocyclin @ 15 g / ha only in the clear weather condition.

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. 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.

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 available soil moisture due to recent 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.

VEGETABLES:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. In case of Cauliflower in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied. Short duration Cauliflower varieties (5-6 weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm

- 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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(Nodal officer)



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Bulletin No.-242
Date- 02/11/2021

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 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 22°C, respectively. Mean relative humidity of the district was around 80-70%.

Forecasted period: Today(8.30IST) to 07th November (8.30IST)2021

Weather Advisory: Very light rainfall is forecasted for today and tomorrow and dry weather is forecasted for next 3 days in the block. The day temperature will be 30-31°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-86% and 35-52% 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	03/11/2021	04/11/2021	05/11/2021	06/11/2021	07/11/2021
Rainfall(mm)	1	2	0	0	0
T-Max(°C)	31	31	31	30	31
T-Min(°C)	23	23	23	21	21
Cloud Cover(octa)	6	4	6	5	2
RH Max (%)	76	84	86	77	63
RH Min (%)	52	51	52	48	35
Wind Speed (Kmph)	7	6	6	6	7
Wind Direction (deg)	68	34	34	349	332

Agromet Advisory

General Adviosry: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Keep watch on the infestation of gundhi bug and BPH in paddy. Complete nursery sowing for winter vegetable crops. Irrigate the vegetable nursery during morning and evening time. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptocyclin @ 15 g / ha only in the clear weather condition.

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. 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.

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 available soil moisture due to recent 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.

VEGETABLES:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. In case of Cauliflower in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied. Short duration Cauliflower varieties (5-6 weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm

- 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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DISTRICT AGROMET UNIT
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Bulletin No.-242
Date- 02/11/2021

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 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 22°C, respectively. Mean relative humidity of the district was around 80-70%.

Forecasted period: Today(8.30IST) to 07th November (8.30IST)2021

Weather advisory: *Very light rainfall is forecasted for today and tomorrow and dry weather is forecasted for next 3 days in the block.* The day temperature will be 30-31°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-80% and 35-53% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Baranga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	03/11/2021	04/11/2021	05/11/2021	06/11/2021	07/11/2021
Rainfall(mm)	1	1	0	0	0
T-Max(°C)	31	31	31	30	31
T-Min(°C)	23	23	23	22	21
Cloud Cover	6	4	6	5	2
RH Max (%)	73	78	80	72	69
RH Min (%)	53	52	50	44	35
Wind Speed (Kmph)	8	7	8	7	7
Wind Direction (deg)	101	68	30	345	330

Agromet Advisory

General Adviosry: *Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days .They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Keep watch on the infestation of gundhi bug and BPH in paddy. Complete nursery sowing for winter vegetable crops. Irrigate the vegetable nursery during morning and evening time. Go for sowing black gram and green gram in upland rice fallow condition.*

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @ 400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.

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. 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.

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 available soil moisture due to recent 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.

VEGETABLES:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. **In case of Cauliflower in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied. Short duration Cauliflower varieties (5-6weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm.**

- 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.-242
Date- 02/11/2021

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 0mm and district received average 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 22°C, respectively. Mean relative humidity of the district was around 80-70%.

Forecasted period: Today(8.30IST) to 07th November (8.30IST)2021

Weather advisory: *Very light rainfall is forecasted for today and dry weather is forecasted for next 4 days in the block.* The day temperature will be 30-31°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-79% and 35-53% 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	03/11/2021	04/11/2021	05/11/2021	06/11/2021	07/11/2021
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	31	31	31	30	31
T-Min(°C)	24	23	23	22	21
Cloud Cover(octa)	6	4	6	4	2
RH Max (%)	72	77	79	73	69
RH Min (%)	53	51	50	43	35
Wind Speed (Kmph)	8	7	7	7	7
Wind Direction (deg)	90	68	30	360	330

Agromet Advisory

General Adviosry: *Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythine in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time. Go for sowing black gram and green gram in upland rice fallow condition.*

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC@ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptocyclin @ 15 g / ha only in the clear weather condition.

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 borer** 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 **Wooly 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.

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. 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.

VEGETABLES:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. **In case of Cauliflower in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied. Short duration Cauliflower varieties (5-6weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm.**

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.-242
Date- 02/11/2021

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 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 22°C, respectively. Mean relative humidity of the district was around 80-70%.

Forecasted period: Today(8.30IST) to 07th November (8.30IST)2021

Weather advisory: Very light rainfall is forecasted for today and tomorrow and dry weather is forecasted for next 3 days in the block. The day temperature will be 30-31°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-78% and 35-54% 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	03/11/2021	04/11/2021	05/11/2021	06/11/2021	07/11/2021
Rainfall(mm)	2	1	0	0	0
T-Max(°C)	31	31	31	30	31
T-Min(°C)	23	23	23	22	21
Cloud Cover(octa)	6	4	7	5	3
RH Max (%)	75	77	78	71	73
RH Min (%)	54	52	51	45	35
Wind Speed (Kmph)	9	8	9	9	7
Wind Direction (deg)	75	68	30	360	11

Agromet Advisory

General Advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.

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 borer** 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.

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. 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.

VEGETABLES:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. In case of **Cauliflower** in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied. Short duration Cauliflower varieties (5-6weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm.

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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(Nodal officer)



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Bulletin No.-242
 Date- 02/11/2021

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 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 22°C, respectively. Mean relative humidity of the district was around 80-70%.

Forecasted period: Today(8.30IST) to 07th November (8.30IST)2021

Weather advisory: Very light rainfall is forecasted for today and dry weather is forecasted for next 4 days in the block. The day temperature will be and it will be 30-31°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-76% and 33-53% 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	03/11/2021	04/11/2021	05/11/2021	06/11/2021	07/11/2021
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	31	31	30	30	31
T-Min(°C)	23	23	23	21	21
Cloud Cover(octal)	6	3	6	4	2
RH Max (%)	73	74	76	71	72
RH Min (%)	53	50	50	42	33
Wind Speed (Kmph)	8	8	8	8	7
Wind Direction (deg)	90	342	23	360	330

Agromet Advisory

General Adviosry: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythine in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC@ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptocyclin @ 15 g / ha only in the clear weather condition.

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 borer** 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.

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. 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.

VEGETABLES:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. In case of **Cauliflower** in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied. Short duration Cauliflower varieties (5-6weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm.

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.-242
Date- 02/11/2021

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 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 22°C, respectively. Mean relative humidity of the district was around 80-70%.

Forecasted period: Today(8.30IST) to 07th November (8.30IST)2021

Weather advisory: Very light rainfall is forecasted for today and tomorrow and dry weather is forecasted for next 3 days in the block. The day temperature will be 29-30°C and night temperature will be 20-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-94% and 36-55% 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	03/11/2021	04/11/2021	05/11/2021	06/11/2021	07/11/2021
Rainfall(mm)	1	1	0	0	0
T-Max(°C)	30	30	30	29	30
T-Min(°C)	22	22	22	20	20
Cloud Cover(octa)	6	5	7	5	2
RH Max (%)	87	92	94	88	65
RH Min (%)	50	50	53	55	36
Wind Speed (Kmph)	5	5	4	4	5
Wind Direction (deg)	90	113	56	90	11

Agromet Advisory

General Advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Keep watch on the infestation of gundhi bug and BPH in paddy. Complete nursery sowing for winter vegetable crops. Irrigate the vegetable nursery during morning and evening time. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @ 400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptocyclin @ 15 g / ha only in the clear weather condition.

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. 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.

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 available soil moisture due to recent 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.

VEGETABLES:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. In case of Cauliflower in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied. Short duration Cauliflower varieties (5-6 weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm

- 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.-242

Date- 02/11/2021

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 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 22°C, respectively. Mean relative humidity of the district was around 80-70%.

Forecasted period: Today(8.30IST) to 07th November (8.30IST)2021

Weather advisory: *Very light rainfall is forecasted for today and tomorrow and dry weather is forecasted for next 3 days in the block.* The day temperature will be 30-31°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-78% and 35-54% 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	03/11/2021	04/11/2021	05/11/2021	06/11/2021	07/11/2021
Rainfall(mm)	3	2	0	0	0
T-Max(°C)	31	31	31	30	31
T-Min(°C)	23	23	23	22	21
Cloud Cover(octa)	6	4	7	6	4
RH Max (%)	76	76	78	70	75
RH Min (%)	54	53	50	46	35
Wind Speed(Kmph)	10	9	10	10	7
Wind Direction(deg)	60	68	30	18	349

Agromet Advisory

General Advisory: Farmers should keep the harvested rice in safer dry places and should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.

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 borer** 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.

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. 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.

VEGETABLES:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. In case of **Cauliflower** in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied. Short duration Cauliflower varieties (5-6weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm.

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.-242
Date- 02/11/2021

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 0.4 mm and district received average 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 22°C, respectively. Mean relative humidity of the district was around 80-70%.

Forecasted period: Today(8.30IST) to 07th November (8.30IST)2021

Weather advisory: Very light rainfall is forecasted for today and dry weather is forecasted for next 4 days in the block. The day temperature will be 30-31°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-76% and 34-54% 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	03/11/2021	04/11/2021	05/11/2021	06/11/2021	07/11/2021
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	31	31	31	30	31
T-Min(°C)	23	23	23	22	21
Cloud Cover(octa)	6	3	6	5	2
RH Max (%)	73	74	76	71	73
RH Min (%)	54	51	51	43	34
Wind Speed (Kmph)	8	8	9	8	7
Wind Direction (deg)	90	30	30	360	360

Agromet Advisory

General Advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Complete nursery sowing for winter vegetable crops. They should cover the nursery beds with polythene in night to protect it from cold temperature. Irrigate the vegetable nursery during morning and evening time. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.

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 borer** 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.

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. 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.

VEGETABLES:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. In case of **Cauliflower** in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied. Short duration Cauliflower varieties (5-6weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm.

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.-242
Date- 02/11/2021

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 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 22°C, respectively. Mean relative humidity of the district was around 80-70%.

Forecasted period: Today(8.30IST) to 07th November (8.30IST)2021

Weather advisory: Very light rainfall is forecasted for today and dry weather is forecasted for next 4 days in the block. The day temperature will be 30-31°C and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-76% and 34-54% 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	03/11/2021	04/11/2021	05/11/2021	06/11/2021	07/11/2021
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	31	31	31	30	31
T-Min(°C)	23	23	23	22	21
Cloud Cover(octa)	6	3	6	5	2
RH Max (%)	73	74	76	71	73
RH Min (%)	54	51	50	42	34
Wind Speed (Kmph)	8	8	8	8	7
Wind Direction (deg)	90	30	30	360	330

Agromet Advisory

General Advisory: Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Keep watch on the infestation of gundhi bug and BPH in paddy. Complete nursery sowing for winter vegetable crops. Irrigate the vegetable nursery during morning and evening time. Go for sowing black gram and green gram in upland rice fallow condition.

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.

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. 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.

Mustard:

Taking the advantage of available soil moisture due to recent 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.

VEGETABLES:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato.

- In case of Cauliflower in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied. Short duration Cauliflower varieties (5-6weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm
- 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.-242
Date- 02/11/2021

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 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 22°C, respectively. Mean relative humidity of the district was around 80-70%.

Forecasted period: Today(8.30IST) to 07th November (8.30IST)2021

Weather advisory: *Very light rainfall is forecasted for today and dry weather is forecasted for next 4 days in the block.* The day temperature will be 30-31°C and night temperature will be 21-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-75% and 38-57% 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	03/11/2021	04/11/2021	05/11/2021	06/11/2021	07/11/2021
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	31	31	30	30	30
T-Min(°C)	24	23	23	22	21
Cloud Cover(octa)	7	4	5	6	4
RH Max (%)	72	72	75	73	75
RH Min (%)	57	55	55	50	38
Wind Speed (Kmph)	12	11	12	11	9
Wind Direction (deg)	54	65	65	64	349

Agromet Advisory

General Advisory: *Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Keep watch on the infestation of gundhi bug and BPH in paddy. Complete nursery sowing for winter vegetable crops. Irrigate the vegetable nursery during morning and evening time. Go for sowing black gram and green gram in upland rice fallow condition.*

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @ 400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.

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. 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.

Mustard:

Taking the advantage of available soil moisture due to recent 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.

VEGETABLES:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. **In case of Cauliflower in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied. Short duration Cauliflower varieties (5-6weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm**

- 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.-242
Date- 02/11/2021

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 0.02 mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 22°C, respectively. Mean relative humidity of the district was around 80-70%.

Forecasted period: Today(8.30IST) to 07th November (8.30IST)2021

Weather advisory: *Very light rainfall is forecasted for today and tomorrow and dry weather is forecasted for next 3 days in the block.* The day temperature will be 30-31 and night temperature will be 21-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-87% and 36-54% 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	03/11/2021	04/11/2021	05/11/2021	06/11/2021	07/11/2021
Rainfall(mm)	1	1	0	0	0
T-Max(°C)	31	31	31	30	31
T-Min(°C)	23	23	23	21	21
Cloud Cover(octa)	6	4	6	4	2
RH Max (%)	76	85	87	79	64
RH Min (%)	53	52	54	48	36
Wind Speed (Kmph)	7	5	6	6	6
Wind Direction (deg)	135	34	60	360	324

Agromet Advisory

General Advisory: *Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. They should keep 5 cm water in paddy fields to maintain saturation during PI to grain filling stage. Carry out spraying of insecticides or pesticides in crops during morning and afternoon hours. Keep watch on the infestation of gundhi bug and BPH in paddy. Complete nursery sowing for winter vegetable crops. Irrigate the vegetable nursery during morning and evening time. Go for sowing black gram and green gram in upland rice fallow condition.*

Kharif Rice:

Paddy is at PI to flowering stage. In Early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. Current weather favors the infestation of **Leaf Folder**. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days. 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. For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water. Current temperate with high humidity may encourage **sheath blight disease**. Do not apply excess dose of nitrogenous fertilizer to avoid plant susceptibility to blast and sheath blight diseases. Go for application of Hexaconazole or Propiconazole @400ml/acre in case of appearance of the disease. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use streptomycin @ 15 g / ha only in the clear weather condition.

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. 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.

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 available soil moisture due to recent 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.

VEGETABLES:

Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. **In case of Cauliflower in this dry days before transplanting during final land preparation apply 8-10 ton FYM per acre and fertilizer like N:P:K each 25-30 Kg/acre should be applied. Short duration Cauliflower varieties (5-6weeks) should be transplanted at distance 60cm×30cm and medium and late duration varieties (3-4 week seedlings) should be transplanted at 60-75cm×40-45cm**

- 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)



Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightening alert in your area



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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://imdagrmet.gov.in/imdproject/AGIndex.php	

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

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