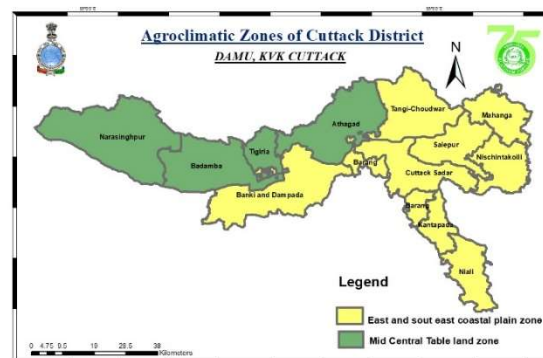
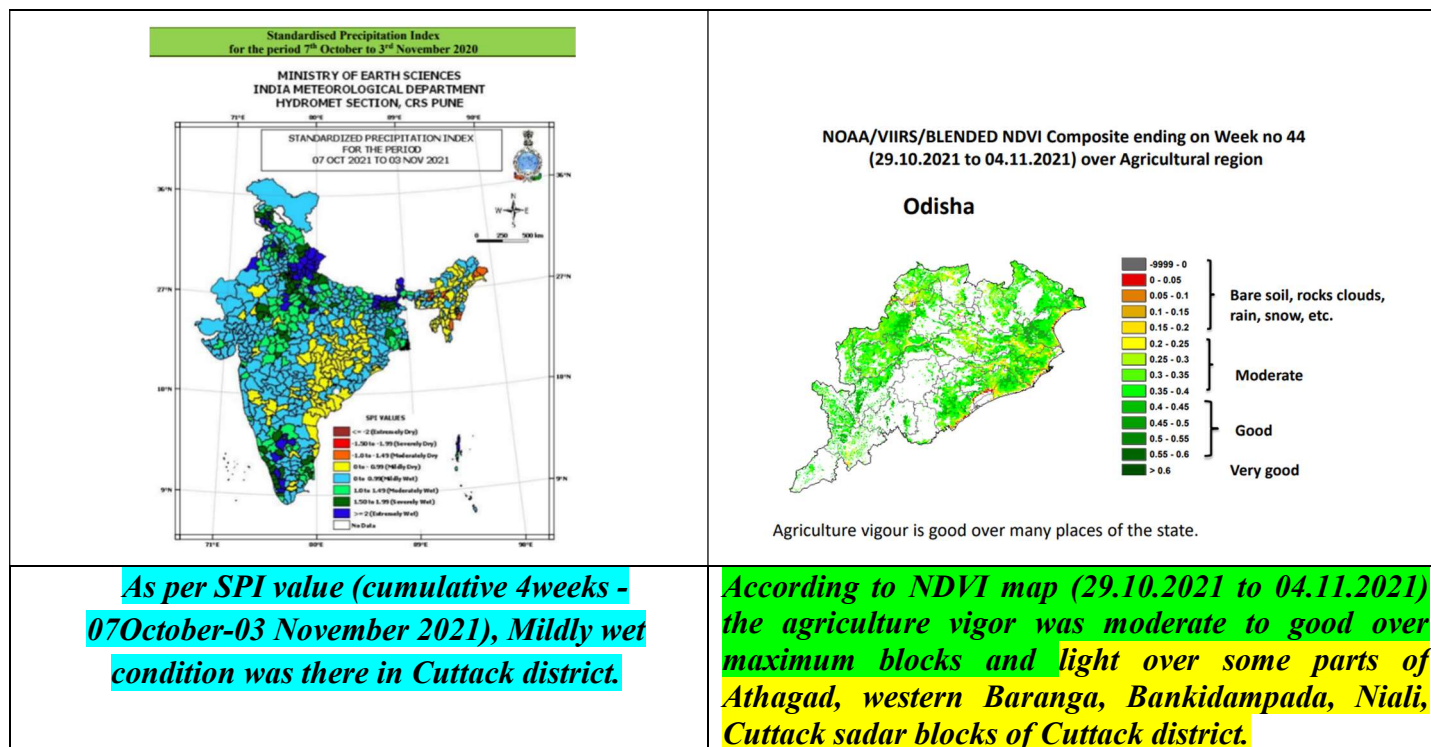




## AGROCLIMATIC ZONES OF CUTTACK DISTRICT:



## STANDARD PRECIPITATION INDEX AND NDVI MAP



### **LEGEND (Medium range block level rainfall forecast)**

	No Rainfall	00 mm
	Very light rainfall	01-05 mm
	Light rainfall	06-10 mm
	Light to moderate rainfall	11-30 mm
	Moderate to heavy rainfall	31-65 mm
	Heavy to very heavy rainfall	66-115 mm
	Extremely heavy rainfall	>116 mm



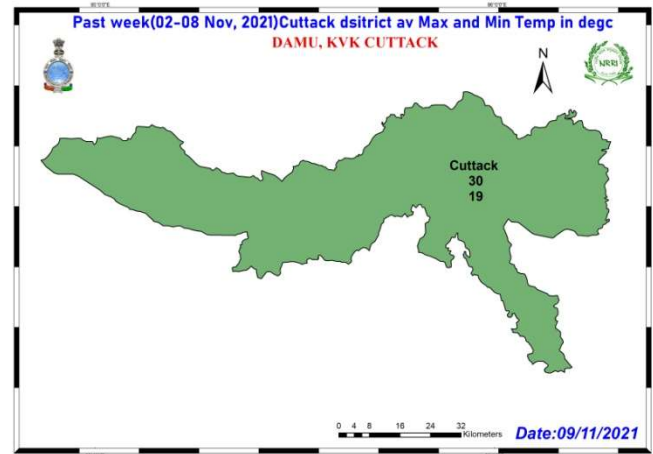
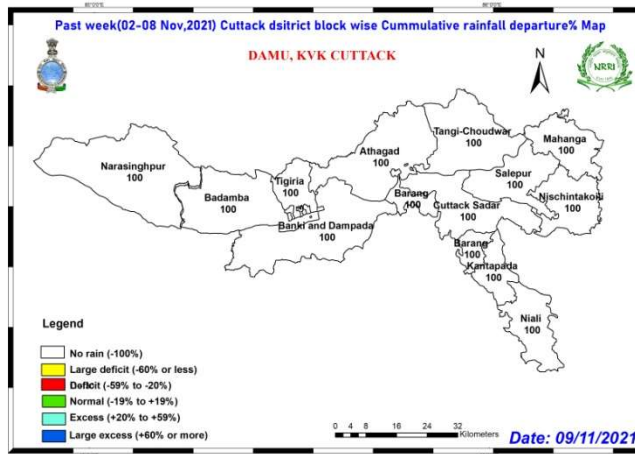


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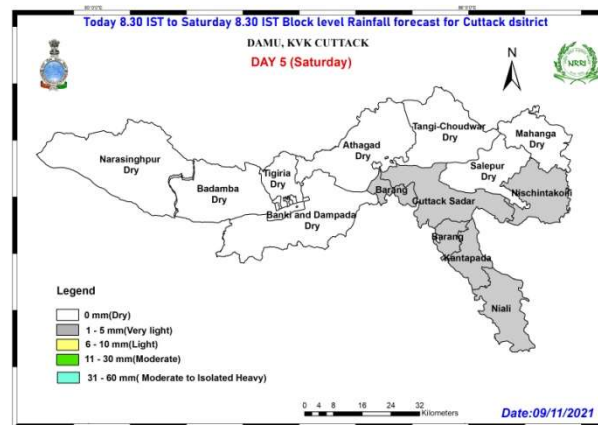
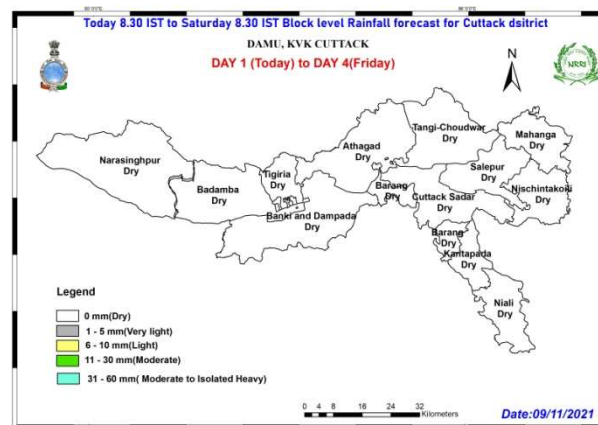


Bulletin No.-244  
Date- 09/11/2021

**Past week (02-04 November 2021) Cuttack district Cumulative Rainfall departure (%) and average Temperature map**



**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.-244**  
**Date- 09/11/2021**

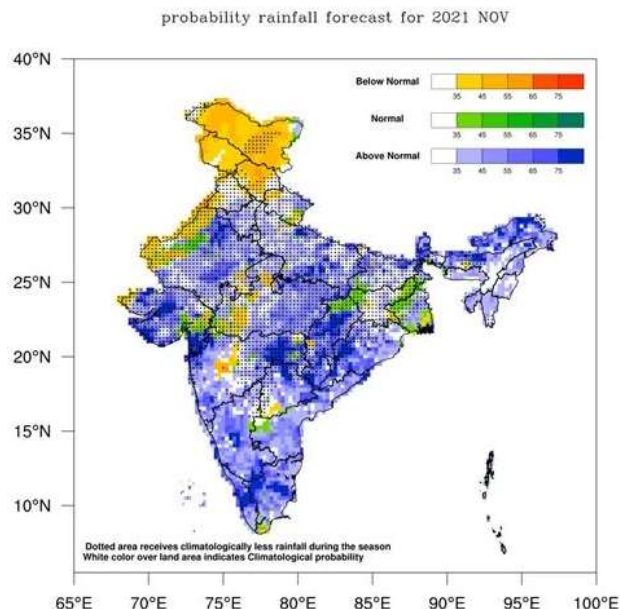
Met Sub division	Extended range outlook for subsequent 1 week (6 <sup>th</sup> to 12 <sup>th</sup> days) (14-20 November 2021)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	214.17	Above Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	-0.76	Normal
	Minimum temperature	0.94	Normal

**General Agromet Advisory:-** There will be above normal rainfall in subsequent week after 5 days (14-20 November 2021) in Odisha condition, and there will be dry weather is forecasted for upcoming 4 days. Farmers are advised to conserve water level of 5cm during panicle initiation to flowering stage of rice. They may go for harvesting of early sown rice if they are at 85% physiological maturity stage before the subsequent week. Farmers may go for weeding, hoeing followed by earthing up and intercultural operations in the dry days in vegetable fields.

**South-west Monsoon has withdrawn from entire Odisha, from 23<sup>rd</sup> 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.



**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-244**  
**Date- 09/11/2021**

**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	Panicle initiation to Flowering stage		Leaf folder
				BPH
				Gundhi bug
				False smut
				Bacterial leaf streak
2	Sugarcane	Grand growth stage to cane development stag		Ring spot
				Top borer
				Woolly 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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**(Nodal officer)**



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Bulletin No.-244  
Date- 09/11/2021

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

The block received average 0mm and district received average 0 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 76-72%.

**Forecasted period: Today(8.30IST) to 14<sup>th</sup> November (8.30IST)2021**

**Weather advisory:** Dry weather is forecasted for today to Saturday in the block. The day temperature will be 30-31°C and night temperature will be 20-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-94% and 33-65% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/11/2021	11/11/2021	12/11/2021	13/11/2021	14/11/2021
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	30	31	31	31	30
T-Min (°C)	20	20	21	23	24
Cloud Cover (octa)	0	0	2	3	4
RH Max (%)	69	73	70	78	94
RH Min (%)	33	39	44	50	65
Wind Speed (kmph)	6	7	9	10	8
Wind Direction (deg)	342	23	68	63	79

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Farmers should cover the vegetable nursery with white polythene or plastic mulches and should irrigate the field in evening hrs to maintain the soil temperature.

**Kharif Rice:**

Paddy is at PI to flowering stage. **As dry weather is forecasted for upcoming 5 days, 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. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use plantomycin 1 g + copper oxychloride 1g per liter water 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 radish, 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 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.-244**  
**Date- 09/11/2021**

**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 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 76-72%.

**Forecasted period: Today(8.30IST) to 14<sup>th</sup> November (8.30IST)2021**

**Weather advisory:** Dry weather is forecasted for today to Saturday in the block. The day temperature will be 30-31°C and night temperature will be 19-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-96% and 32-67% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/11/2021	11/11/2021	12/11/2021	13/11/2021	14/11/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	30	31	31	30
T-Min(°C)	19	19	20	22	23
Cloud Cover(octa)	0	0	2	3	4
RH Max (%)	67	73	71	78	96
RH Min (%)	32	39	43	50	67
Wind Speed (Kmph)	6	6	8	8	7
Wind Direction (deg)	342	23	90	68	107

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Farmers should cover the vegetable nursery with white polythene or plastic mulches and should irrigate the field in evening hrs to maintain the soil temperature.

**Kharif Rice:**

Paddy is at PI to flowering stage. **As dry weather is forecasted for upcoming 5 days, 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. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use plantomycin 1 g + copper oxychloride 1g per liter water 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.-244  
Date- 09/11/2021

**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week average weather condition**

The district received average 0 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 76-72%.

**Forecasted period: Today(8.30IST) to 14<sup>th</sup> November (8.30IST)2021**

**Weather advisory:** Dry weather is forecasted for today to Saturday in the block. The day temperature will be 30-31°C and night temperature will be 19-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-96% and 32-66% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/11/2021	11/11/2021	12/11/2021	13/11/2021	14/11/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	31	31	31	30
T-Min(°C)	19	20	21	22	23
Cloud Cover(octa)	0	0	2	3	4
RH Max (%)	67	71	70	79	96
RH Min (%)	32	39	44	50	66
Wind Speed (Kmph)	7	7	9	9	8
Wind Direction (deg)	68	23	68	63	99

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Farmers should cover the vegetable nursery with white polythene or plastic mulches and should irrigate the field in evening hrs to maintain the soil temperature.

**Kharif Rice:**

Paddy is at PI to flowering stage. As dry weather is forecasted for upcoming 5 days, 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. In the event of bacterial leaf streak i.e. when the leaves are brown and dry in paddy crop, use plantomycin 1 g + copper oxychloride 1g per liter water 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

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**Animal husbandry:**

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

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Bulletin No.-244  
Date- 09/11/2021

**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 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 76-72%.

**Forecasted period: Today(8.30IST) to 14<sup>th</sup> November (8.30IST)2021**

**Weather Advisory:** Dry weather is forecasted for today to Saturday 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 67-96% and 32-66% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/11/2021	11/11/2021	12/11/2021	13/11/2021	14/11/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	31	31	31	30
T-Min(°C)	20	20	21	22	23
Cloud Cover(octa)	0	0	2	3	4
RH Max (%)	67	71	70	79	96
RH Min (%)	32	39	44	50	66
Wind Speed (Kmph)	7	7	9	9	8
Wind Direction (deg)	68	15	68	63	99

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Farmers should cover the vegetable nursery with white polythene or plastic mulches and should irrigate the field in evening hrs to maintain the soil temperature.

**Kharif Rice:**

Paddy is at PI to flowering stage. **As dry weather is forecasted for upcoming 5 days, 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. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use plantomycin 1 g + copper oxychloride 1g per liter water only in the clear weather condition.

**PULSES:**

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**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)



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Bulletin No.-244  
Date- 09/11/2021

**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 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 76-72%.

**Forecasted period: Today (8.30IST) to 14<sup>th</sup> November (8.30IST)2021**

**Weather advisory:** Dry weather is forecasted for today to Friday and very light rainfall is forecasted for Saturday in the block. The day temperature will be 30-31°C and night temperature will be 20-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-95% and 35-65% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/11/2021	11/11/2021	12/11/2021	13/11/2021	14/11/2021
Rainfall(mm)	0	0	0	0	2
T-Max(°C)	30	31	31	31	30
T-Min(°C)	20	20	21	23	24
Cloud Cover	0	0	2	3	4
RH Max (%)	68	69	69	83	95
RH Min (%)	35	41	47	51	65
Wind Speed (Kmph)	8	9	11	11	10
Wind Direction (deg)	23	30	64	63	64

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Farmers should cover the vegetable nursery with white polythene or plastic mulches and should irrigate the field in evening hrs to maintain the soil temperature.

**Kharif Rice:**

Paddy is at PI to flowering stage. As dry weather is forecasted for upcoming 5 days, 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. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use plantomycin 1 g + copper oxychloride 1g per liter water 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 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.-244**  
**Date- 09/11/2021**

**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 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 76-72%.

**Forecasted period: Today (8.30IST) to 14<sup>th</sup> November (8.30IST)2021**

**Weather advisory:** Dry weather is forecasted for today to Friday and very light rainfall is forecasted for Saturday in the block. The day temperature will be 30-31°C and night temperature will be 20-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-93% and 35-64% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/11/2021	11/11/2021	12/11/2021	13/11/2021	14/11/2021
Rainfall(mm)	0	0	0	0	3
T-Max(°C)	30	31	31	31	30
T-Min(°C)	20	21	22	23	24
Cloud Cover(octa)	0	0	2	3	4
RH Max (%)	69	71	69	81	93
RH Min (%)	35	40	46	50	64
Wind Speed (Kmph)	8	9	10	11	9
Wind Direction (deg)	23	30	64	63	66

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Farmers should cover the vegetable nursery with white polythene or plastic mulches and should irrigate the field in evening hrs to maintain the soil temperature.

**Kharif Rice:**

Paddy is at PI to flowering stage. As dry weather is forecasted for upcoming 5 days, 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. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use plantomycin 1 g + copper oxychloride 1g per liter water 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 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.

**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 (5-6 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.-244**  
**Date- 09/11/2021**

**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 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 76-72%.

**Forecasted period: Today(8.30IST) to 14<sup>th</sup> November (8.30IST)2021**

**Weather advisory:** Dry weather is forecasted for today to Friday and very light rainfall is forecasted for Saturday in the block. The day temperature will be 30-31°C and night temperature will be 20-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-96% and 38-65% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/11/2021	11/11/2021	12/11/2021	13/11/2021	14/11/2021
Rainfall(mm)	0	0	0	0	4
T-Max(°C)	30	31	31	31	30
T-Min(°C)	20	21	22	23	24
Cloud Cover(octa)	0	0	2	3	4
RH Max (%)	67	69	71	87	96
RH Min (%)	38	42	49	53	65
Wind Speed (Kmph)	10	10	12	12	10
Wind Direction (deg)	45	32	58	63	63

**Agromet Advisory**

**General Adviosry:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Farmers should cover the vegetable nursery with white polythine or plastic mulches and should irrigate the field in evening hrs to maintain the soil temperature.

**Kharif Rice:**

Paddy is at PI to flowering stage. As dry weather is forecasted for upcoming 5 days, 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. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use plantomycin 1 g + cupper oxychloride 1g per liter water 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 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 **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 (5-6 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.-244  
Date- 09/11/2021

**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 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 76-72%.

**Forecasted period: Today(8.30IST) to 14<sup>th</sup> November (8.30IST)2021**

**Weather advisory:** Dry weather is forecasted for today to Saturday in the block. The day temperature will be and it will be 30-31°C and night temperature will be 20-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-92% and 38-62% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/11/2021	11/11/2021	12/11/2021	13/11/2021	14/11/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	31	31	31	30
T-Min(°C)	20	20	21	22	24
Cloud Cover(octal)	0	0	2	3	4
RH Max (%)	68	71	71	86	92
RH Min (%)	38	42	48	51	62
Wind Speed (Kmph)	9	9	11	11	10
Wind Direction (deg)	23	30	56	58	63

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Farmers should cover the vegetable nursery with white polythene or plastic mulches and should irrigate the field in evening hrs to maintain the soil temperature.

**Kharif Rice:**

Paddy is at PI to flowering stage. As dry weather is forecasted for upcoming 5 days, 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. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use plantomycin 1 g + cupper oxychloride 1g per liter water 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 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.

**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 (5-6 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.-244  
Date- 09/11/2021

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

The block received average 0mm and district received average 0 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 76-72%.

**Forecasted period: Today(8.30IST) to 14<sup>th</sup> November (8.30IST)2021**

**Weather advisory:** Dry weather is forecasted for today to Saturday in the block. The day temperature will be 30-31°C and night temperature will be 18-22°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-98% and 31-66% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/11/2021	11/11/2021	12/11/2021	13/11/2021	14/11/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	30	30	31	30
T-Min(°C)	18	19	19	21	22
Cloud Cover(octa)	0	0	2	3	4
RH Max (%)	65	76	75	82	98
RH Min (%)	31	38	42	48	66
Wind Speed (Kmph)	4	5	6	6	6
Wind Direction (deg)	342	23	68	79	111

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Farmers should cover the vegetable nursery with white polythene or plastic mulches and should irrigate the field in evening hrs to maintain the soil temperature.

**Kharif Rice:**

Paddy is at PI to flowering stage. **As dry weather is forecasted for upcoming 5 days, 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. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use plantomycin 1 g + copper oxychloride 1g per liter water 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 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.-244**  
**Date- 09/11/2021**

**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 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 76-72%.

**Forecasted period: Today(8.30IST) to 14<sup>th</sup> November (8.30IST)2021**

**Weather advisory:** Dry weather is forecasted for today to Friday and very light rainfall is forecasted for Saturday in the block. The day temperature will be 30-31°C and night temperature will be 20-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-95% and 39-68% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/11/2021	11/11/2021	12/11/2021	13/11/2021	14/11/2021
Rainfall(mm)	0	0	0	0	5
T-Max(°C)	30	31	31	31	30
T-Min(°C)	20	21	22	23	24
Cloud Cover(octa)	0	0	2	3	4
RH Max (%)	67	69	74	89	95
RH Min (%)	39	43	51	54	68
Wind Speed(Kmph)	10	11	12	12	11
Wind Direction(deg)	34	32	58	63	63

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Farmers should cover the vegetable nursery with white polythene or plastic mulches and should irrigate the field in evening hrs to maintain the soil temperature.

**Kharif Rice:**

Paddy is at PI to flowering stage. **As dry weather is forecasted for upcoming 5 days, 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. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use plantomycin 1 g + copper oxychloride 1g per liter water 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 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.

**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 (5-6 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.-244**  
**Date- 09/11/2021**

**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 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 76-72%.

**Forecasted period: Today(8.30IST) to 14<sup>th</sup> November (8.30IST)2021**

**Weather advisory:** Dry weather is forecasted for today to Friday and very light rainfall is forecasted for Saturday in the block. The day temperature will be 30-31°C and night temperature will be 20-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-94% and 39-64% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/11/2021	11/11/2021	12/11/2021	13/11/2021	14/11/2021
Rainfall(mm)	0	0	0	0	2
T-Max(°C)	30	31	31	31	30
T-Min(°C)	20	20	21	22	24
Cloud Cover(octa)	0	0	2	3	4
RH Max (%)	68	70	70	86	94
RH Min (%)	39	43	49	52	64
Wind Speed (Kmph)	9	10	11	11	10
Wind Direction (deg)	27	30	56	58	63

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Farmers should cover the vegetable nursery with white polythene or plastic mulches and should irrigate the field in evening hrs to maintain the soil temperature.

**Kharif Rice:**

Paddy is at PI to flowering stage. As dry weather is forecasted for upcoming 5 days, 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. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use plantomycin 1 g + copper oxychloride 1g per liter water 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 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.

**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 (5-6 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.-244**  
**Date- 09/11/2021**

**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 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 76-72%.

**Forecasted period: Today(8.30IST) to 14<sup>th</sup> November (8.30IST)2021**

**Weather advisory:** Dry weather is forecasted for today to Saturday in the block. The day temperature will be 30-31°C and night temperature will be 20-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-93% and 38-63% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/11/2021	11/11/2021	12/11/2021	13/11/2021	14/11/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	31	31	31	30
T-Min(°C)	20	20	21	22	24
Cloud Cover(octa)	0	0	2	3	4
RH Max (%)	68	70	70	86	93
RH Min (%)	38	42	48	52	63
Wind Speed (Kmph)	9	10	11	11	10
Wind Direction (deg)	27	30	56	63	63

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Farmers should cover the vegetable nursery with white polythene or plastic mulches and should irrigate the field in evening hrs to maintain the soil temperature.

**Kharif Rice:**

Paddy is at PI to flowering stage. **As dry weather is forecasted for upcoming 5 days, 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. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use plantomycin 1 g + copper oxychloride 1g per liter water 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 (5-6 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.-244**  
**Date- 09/11/2021**

**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 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 76-72%.

**Forecasted period: Today(8.30IST) to 14<sup>th</sup> November (8.30IST)2021**

**Weather advisory:** Dry weather is forecasted for today to Saturday in the block. The day temperature will be 28-30°C and night temperature will be 21-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-92% and 46-75% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/11/2021	11/11/2021	12/11/2021	13/11/2021	14/11/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	30	30	30	28
T-Min(°C)	21	22	24	25	25
Cloud Cover(octa)	0	0	2	3	4
RH Max (%)	68	69	76	88	92
RH Min (%)	46	52	56	57	75
Wind Speed (Kmph)	12	13	14	14	12
Wind Direction (deg)	34	45	58	63	79

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Farmers should cover the vegetable nursery with white polythene or plastic mulches and should irrigate the field in evening hrs to maintain the soil temperature.

**Kharif Rice:**

Paddy is at PI to flowering stage. As dry weather is forecasted for upcoming 5 days, 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. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use plantomycin 1 g + copper oxychloride 1g per liter water 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-P<sub>2</sub>O<sub>5</sub>-K<sub>2</sub>O Kg/ha Mustard @ 80:40:40 N-P<sub>2</sub>O<sub>5</sub>-K<sub>2</sub>O Kg/ha. Apply 50%N and all P<sub>2</sub>O<sub>5</sub> and K<sub>2</sub>O 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.-244**  
**Date- 09/11/2021**

**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 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 76-72%.

**Forecasted period: Today(8.30IST) to 14<sup>th</sup> November (8.30IST)2021**

**Weather advisory:** Dry weather is forecasted for today to Saturday in the block. The day temperature will be 30-31 and night temperature will be 19-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-94% and 33-67% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	10/11/2021	11/11/2021	12/11/2021	13/11/2021	14/11/2021
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	30	31	31	30
T-Min(°C)	19	20	21	22	23
Cloud Cover(octa)	0	0	2	3	4
RH Max (%)	69	73	70	77	94
RH Min (%)	33	39	44	50	67
Wind Speed (Kmph)	6	6	8	9	8
Wind Direction (deg)	342	23	90	68	99

**Agromet Advisory**

**General Advisory:** Farmers should go for harvesting of early matured paddy at 85% maturity of the panicles in sunny days. Farmers should cover the vegetable nursery with white polythene or plastic mulches and should irrigate the field in evening hrs to maintain the soil temperature.

**Kharif Rice:**

Paddy is at PI to flowering stage. As dry weather is forecasted for upcoming 5 days, 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. In the event of **bacterial leaf streak** i.e. when the leaves are brown and dry in paddy crop, use plantomycin 1 g + copper oxychloride 1g per liter water 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)**



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**Bulletin No.-244**  
**Date- 09/11/2021**

				
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- Kindly install and use **“Meghdoot mobile App”** for Cuttack district weather forecast, warnings and weather based agromet advisory services.

<https://play.google.com/store/apps/details?id=com.aas.meghdoot>

- Kindly install and use **“Damini mobile App”** for location specific for lightening forecast and warnings.

<https://play.google.com/store/apps/details?id=com.lightening.live.damini>

- Follow the **block specific whats app groups** and join in your block wise groups for getting weather based agromet advisory services twice in a week (Tuesday and Friday) and other weather warning based farm management advisories.

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

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

**Dr Sujata Sethy**  
 (Nodal officer)



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