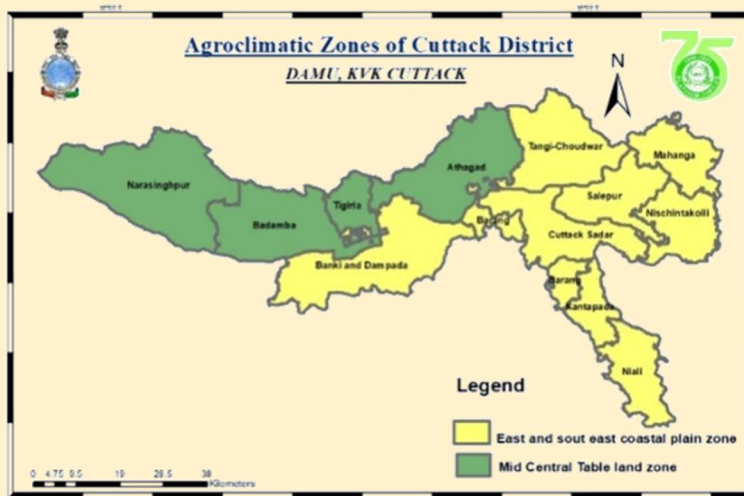




# Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 11<sup>th</sup> November, 2022  
(For the period 11<sup>th</sup> to 15<sup>th</sup>  
November, 2022)*



*Issued by  
District Agromet Unit,  
KrishiVigyan Kendra Cuttack*





**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
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**Bulletin No.-347**  
**Date- 11/11/2022**

**STANDARD PRECIPITATION INDEX AND NDVI MAP**

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p>Standardised Precipitation Index for the period 13<sup>th</sup> October 2022 to 09<sup>th</sup> November 2022</p> <p>MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CRS PUNE</p> <p>STANDARDIZED PRECIPITATION INDEX FOR THE PERIOD 13 OCT 2022 TO 09 NOV 2022</p> <p>SPI VALUES</p> <ul style="list-style-type: none"> <li>&lt; -2 (Extremely Dry)</li> <li>-1.50 to -1.99 (Moderately Dry)</li> <li>-1.00 to -1.49 (Moderately Dry)</li> <li>-0.50 to -0.99 (Mildly Dry)</li> <li>0 to 0.49 (Mildly Wet)</li> <li>0.50 to 0.99 (Moderately Wet)</li> <li>1.00 to 1.49 (Moderately Wet)</li> <li>1.50 to 1.99 (Extremely Wet)</li> <li>&gt; 2 (Extremely Wet)</li> <li>No Data</li> </ul>	<p>NOAA/VIIIRS/BLENDED NDVI Composite ending on Week no 44 (29.10.2022 to 04.11.2022) over Agricultural region</p> <p style="text-align: center;"><b>Odisha</b></p> <p>Legend:</p> <ul style="list-style-type: none"> <li>-0.999 - 0</li> <li>0 - 0.05</li> <li>0.05 - 0.1</li> <li>0.1 - 0.15</li> <li>0.15 - 0.2</li> <li>0.2 - 0.25</li> <li>0.25 - 0.3</li> <li>0.3 - 0.35</li> <li>0.35 - 0.4</li> <li>0.4 - 0.45</li> <li>0.45 - 0.5</li> <li>0.5 - 0.55</li> <li>0.55 - 0.6</li> <li>&gt; 0.6</li> </ul> <p>Bare soil, rocks clouds, rain, snow, etc.</p> <p>Moderate</p> <p>Good</p> <p>Very good</p> <p>Agriculture vigour is good over many places of the state and moderate over rest of the state.</p>
<p><b>As per SPI value (cumulative 4weeks -13 October2022 – 09 November2022), mildly dry condition was there in Cuttack district.</b></p>	<p><b>According to NDVI map (29.10.2022 to 04.11.2022) the agriculture vigor was moderate to good overmost places of Cuttack</b></p>

<b>LEGEND (Medium range block level rainfall forecast)</b>		
	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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**Date- 11/11/2022**

Met Sub division	Extended range outlook for subsequent 1 week (6 <sup>th</sup> to 12 <sup>th</sup> days) (16-22 November2022)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	1.27	Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	1.04	Normal
	Minimum temperature	-0.40	Normal

**General Agromet Advisory:-** There will be normal rainfall is forecasted in subsequent week after 5 days in Odisha condition, so farmers are advised to complete their sowing of pre rabi vegetables like Cauliflower, cabbage, Carrot, Radish in the subsequent week by utilizing rain water.

**Dr Sujata Sathy**  
**(Nodal officer)**



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**Bulletin No.-347**  
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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
				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

**Dr Sujata Sethy**  
 (Nodal officer)



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**Bulletin No.-347**  
**Date- 11/11/2022**

**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

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

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-0.11) and 20.85°C (1.08), respectively. The mean relative humidity was 68-83%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> November(8.30IST)2022**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 31°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-65% and 28-34% 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	11/11/2022	12/11/2022	13/11/2022	14/11/2022	15/11/2022
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	31	31	31	31	31
T-Min (°C)	20	19	18	17	18
Cloud Cover (octa)	2	3	1	2	0
RH Max (%)	65	65	61	58	60
RH Min (%)	34	32	30	28	28
Wind Speed (kmph)	6	7	7	7	8
Wind Direction (deg)	15	345	345	338	335

**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 milk dough 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. **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:**

**21-26°C soil temperature is required for proper germination of 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:**

**As dry weather is forecasted for upcoming 5 days, 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. **Apply irrigation in field if mustard was sown before 15-20 days.**

**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. As past and forecasted temperature is around 20-30°C, so better to cultivate the offseason cauliflowers in protected structure to maintain the temperature.** 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.-347**  
**Date- 11/11/2022**

**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 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-0.11) and 20.85°C (1.08), respectively. The mean relative humidity was 68-83%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> November(8.30IST)2022**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 30-31°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-65% and 28-33% 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	11/11/2022	12/11/2022	13/11/2022	14/11/2022	15/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	30	30	31
T-Min(°C)	19	19	17	17	17
Cloud Cover(octa)	2	4	1	2	0
RH Max (%)	65	65	59	56	59
RH Min (%)	33	33	30	28	28
Wind Speed (Kmph)	6	6	6	7	8
Wind Direction (deg)	23	342	360	338	339

**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 milk dough 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. **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:**

**21-26°C soil temperature is required for proper germination of 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:**

**As dry weather is forecasted for upcoming 5 days, 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. **Apply irrigation in field if mustard was sown before 15-20 days.**

**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. As past and forecasted temperature is around 20-30°C, so better to cultivate the offseason cauliflowers in protected structure to maintain the temperature.** 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.-347**  
**Date- 11/11/2022**

**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week average weather condition**

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-0.11) and 20.85°C (1.08), respectively. The mean relative humidity was 68-83%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> November(8.30IST)2022**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 31°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-65% and 28-33% 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	11/11/2022	12/11/2022	13/11/2022	14/11/2022	15/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	31	31	31
T-Min(°C)	20	19	18	17	18
Cloud Cover(octa)	2	3	1	2	0
RH Max (%)	65	65	60	56	59
RH Min (%)	33	32	30	28	28
Wind Speed (Kmph)	7	7	7	7	8
Wind Direction (deg)	15	360	345	342	338

**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 milk dough 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. **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:**

**21-26°C soil temperature is required for proper germination of 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:**

**As dry weather is forecasted for upcoming 5 days, 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:**

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

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



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**AGROMET ADVISORY BULLETIN FOR BANKI-DAMPADA****District Past week average weather condition and Block past week average Rainfall condition**

The block received average 0mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-0.11) and 20.85°C (1.08), respectively. The mean relative humidity was 68-83%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> November(8.30IST)2022**

**Weather Advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 31°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-65% and 27-33% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/11/2022	12/11/2022	13/11/2022	14/11/2022	15/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	31	31	31
T-Min(°C)	20	19	18	17	18
Cloud Cover(octa)	2	3	1	2	0
RH Max (%)	65	65	60	56	58
RH Min (%)	33	32	30	28	27
Wind Speed (Kmph)	7	7	7	7	8
Wind Direction (deg)	15	360	345	342	338

**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 milk dough 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. 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:**

21-26°C soil temperature is required for proper germination of 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:**

As dry weather is forecasted for upcoming 5 days, 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. Apply irrigation in field if mustard was sown before 15-20 days.

**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. As past and forecasted temperature is around 20-30°C, so better to cultivate the offseason cauliflowers in protected structure to maintain the temperature. 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**  
**KRISHI VIGYAN KENDRA CUTTACK**  
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**Bulletin No.-347**  
**Date- 11/11/2022**

**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 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-0.11) and 20.85°C (1.08), respectively. The mean relative humidity was 68-83%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> November(8.30IST)2022**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 31°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 57-67% and 26-35% 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	11/11/2022	12/11/2022	13/11/2022	14/11/2022	15/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	31	31	31
T-Min(°C)	20	20	19	18	18
Cloud Cover	2	3	0	2	0
RH Max (%)	65	67	60	57	58
RH Min (%)	35	33	30	28	26
Wind Speed (Kmph)	8	7	7	7	8
Wind Direction (deg)	341	15	360	345	345

**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 milk dough 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. 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:**

21-26°C soil temperature is required for proper germination of 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:**

As dry weather is forecasted for upcoming 5 days, 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. Apply irrigation in field if mustard was sown before 15-20 days.

**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. As past and forecasted temperature is around 20-30°C, so better to cultivate the offseason cauliflowers in protected structure to maintain the temperature. 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.-347**  
**Date- 11/11/2022**

**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 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-0.11) and 20.85°C (1.08), respectively. The mean relative humidity was 68-83%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> November(8.30IST)2022**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 31°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-65% and 26-34% 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	11/11/2022	12/11/2022	13/11/2022	14/11/2022	15/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	31	31	31
T-Min(°C)	20	20	19	18	18
Cloud Cover(octa)	2	3	1	1	0
RH Max (%)	65	64	60	58	58
RH Min (%)	34	32	29	27	26
Wind Speed (Kmph)	7	7	7	7	8
Wind Direction (deg)	341	345	360	345	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 milk dough 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. 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:**

21-26°C soil temperature is required for proper germination of 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. Apply irrigation in field if mustard was sown before 15-20 days.

- 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. As past and forecasted temperature is around 20-30°C, so better to cultivate the offseason cauliflowers in protected structure to maintain the temperature. To control Fruit and shoot borer in Brinjal and Okra, Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water.

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



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**Bulletin No.-347**  
**Date- 11/11/2022**

**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 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-0.11) and 20.85°C (1.08), respectively. The mean relative humidity was 68-83%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> November(8.30IST)2022**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 31°C and night temperature will be 18-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 57-69% and 27-37% 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	11/11/2022	12/11/2022	13/11/2022	14/11/2022	15/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	31	31	31
T-Min(°C)	21	20	19	18	18
Cloud Cover(octa)	2	3	0	2	0
RH Max (%)	66	69	61	59	57
RH Min (%)	37	35	31	28	27
Wind Speed (Kmph)	9	7	8	8	8
Wind Direction (deg)	341	23	345	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 milk dough 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. **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 **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:**

**21-26°C soil temperature is required for proper germination of 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. **Apply irrigation in field if mustard was sown before 15-20 days.**

**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.

**As past and forecasted temperature is around 20-30°C, so better to cultivate the offseason cauliflowers in protected structure to maintain the temperature.** To control Fruit and shoot borer in Brinjal and Okra, Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water.

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



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**Bulletin No.-347**  
**Date- 11/11/2022**

**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 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-0.11) and 20.85°C (1.08), respectively. The mean relative humidity was 68-83%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> November(8.30IST)2022**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be and it will be 31°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 55-64% and 26-37% 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	11/11/2022	12/11/2022	13/11/2022	14/11/2022	15/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	31	31	31
T-Min(°C)	20	20	19	18	18
Cloud Cover(octal)	2	3	0	1	0
RH Max (%)	64	63	58	55	56
RH Min (%)	37	34	30	28	26
Wind Speed (Kmph)	8	7	7	7	8
Wind Direction (deg)	341	360	360	360	345

**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 milk dough 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. 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 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:**

21-26°C soil temperature is required for proper germination of 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. Apply irrigation in field if mustard was sown before 15-20 days.

- 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. As past and forecasted temperature is around 20-30°C, so better to cultivate the offseason cauliflowers in protected structure to maintain the temperature. To control Fruit and shoot borer in Brinjal and Okra, Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water.

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



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**Bulletin No.-347**  
**Date- 11/11/2022**

**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 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-0.11) and 20.85°C (1.08), respectively. The mean relative humidity was 68-83%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> November(8.30IST)2022**

**Weather advisory:** *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be 29-30°C and night temperature will be 16-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 55-66% and 27-33% 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	11/11/2022	12/11/2022	13/11/2022	14/11/2022	15/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	29	29	29	30
T-Min(°C)	18	18	17	16	17
Cloud Cover(/octa)	2	4	1	3	0
RH Max (%)	66	66	60	55	59
RH Min (%)	33	33	30	27	27
Wind Speed (Kmph)	5	5	5	6	7
Wind Direction (deg)	9	349	9	338	339

**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 milk dough 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. **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:**

**21-26°C soil temperature is required for proper germination of 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:**

**As dry weather is forecasted for upcoming 5 days, 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. **Apply irrigation in field if mustard was sown before 15-20 days.**

**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. As past and forecasted temperature is around 20-30°C, so better to cultivate the offseason cauliflowers in protected structure to maintain the temperature.** 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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**INDIA METEOROLOGICAL DEPARTMENT**  
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**KRISHI VIGYAN KENDRA CUTTACK**  
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**Bulletin No.-347**  
**Date- 11/11/2022**

**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 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-0.11) and 20.85°C (1.08), respectively. The mean relative humidity was 68-83%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> November(8.30IST)2022**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 31°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-68% and 27-37% 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	11/11/2022	12/11/2022	13/11/2022	14/11/2022	15/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	31	31	31
T-Min(°C)	20	20	19	18	18
Cloud Cover(octa)	2	4	0	2	0
RH Max (%)	66	68	61	61	58
RH Min (%)	37	35	31	29	27
Wind Speed(Kmph)	10	8	9	9	9
Wind Direction(deg)	56	345	345	345	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 milk dough 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. **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:**

**21-26°C soil temperature is required for proper germination of 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. **Apply irrigation in field if mustard was sown before 15-20 days.**

- **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. **As past and forecasted temperature is around 20-30°C, so better to cultivate the offseason cauliflowers in protected structure to maintain the temperature.** To control Fruit and shoot borer in Brinjal and Okra, Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water.

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



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**Bulletin No.-347**  
**Date- 11/11/2022**

**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 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-0.11) and 20.85°C (1.08), respectively. The mean relative humidity was 68-83%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> November(8.30IST)2022**

**Weather advisory: Dry weather is forecasted for upcoming 5 Days in the block.** The day temperature will be 31°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-65% and 27-37% 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	11/11/2022	12/11/2022	13/11/2022	14/11/2022	15/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	31	31	31
T-Min(°C)	20	20	19	18	18
Cloud Cover(octa)	2	3	0	1	0
RH Max (%)	65	64	58	56	56
RH Min (%)	37	35	30	28	27
Wind Speed (Kmph)	8	7	8	8	8
Wind Direction (deg)	341	360	360	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 milk dough 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. **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:**

**21-26°C soil temperature is required for proper germination of 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. **Apply irrigation in field if mustard was sown before 15-20 days.**

- **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. **As past and forecasted temperature is around 20-30°C, so better to cultivate the offseason cauliflowers in protected structure to maintain the temperature.** To control Fruit and shoot borer in Brinjal and Okra, Spray Neem based pesticide 1500ppm @ 600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45% SC @ 70ml/acre and Thiodicarb @ 300g/acre at 15 days interval in 200 litre of water. To control YMV in Okra, thrips in Chilli and aphids in Cowpea crop, spray Imidacloprid @ 5 ml in 10 litres of water.

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



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**Bulletin No.-347**  
**Date- 11/11/2022**

**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 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-0.11) and 20.85°C (1.08), respectively. The mean relative humidity was 68-83%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> November(8.30IST)2022**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 31°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-65% and 27-37% 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	11/11/2022	12/11/2022	13/11/2022	14/11/2022	15/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	31	31	31
T-Min(°C)	20	20	19	18	18
Cloud Cover(octa)	2	3	0	1	0
RH Max (%)	65	65	59	56	56
RH Min (%)	37	34	30	28	27
Wind Speed (Kmph)	8	7	7	7	8
Wind Direction (deg)	341	360	360	360	345

**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 milk dough 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. **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.

**PULSES:**

**21-26°C soil temperature is required for proper germination of 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:**

**As dry weather is forecasted for upcoming 5 days, 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. **Apply irrigation in field if mustard was sown before 15-20 days.**

**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. As past and forecasted temperature is around 20-30°C, so better to cultivate the offseason cauliflowers in protected structure to maintain the temperature.** 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.-347**  
**Date- 11/11/2022**

**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 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-0.11) and 20.85°C (1.08), respectively. The mean relative humidity was 68-83%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> November(8.30IST)2022**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 30°C and night temperature will be 19-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 60-64% and 32-43% 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	11/11/2022	12/11/2022	13/11/2022	14/11/2022	15/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	30	30	30	30
T-Min(°C)	21	20	19	19	19
Cloud Cover(octa)	2	3	0	2	0
RH Max (%)	64	64	61	60	60
RH Min (%)	43	42	36	34	32
Wind Speed (Kmph)	11	11	11	11	11
Wind Direction (deg)	45	341	345	345	56

**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 milk dough 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. 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.

**PULSES:**

21-26°C soil temperature is required for proper germination of 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:**

As dry weather is forecasted for upcoming 5 days, 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. Apply irrigation in field if mustard was sown before 15-20 days.

**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. As past and forecasted temperature is around 20-30°C, so better to cultivate the offseason cauliflowers in protected structure to maintain the temperature. 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.-347**  
**Date- 11/11/2022**

**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 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 31.14°C (-0.11) and 20.85°C (1.08), respectively. The mean relative humidity was 68-83%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> November(8.30IST)2022**

**Weather advisory:** *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be 31°C and night temperature will be 17-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-65% and 28-34% 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	11/11/2022	12/11/2022	13/11/2022	14/11/2022	15/11/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	31	31	31
T-Min(°C)	20	19	18	17	18
Cloud Cover(octa)	2	3	1	2	0
RH Max (%)	65	65	60	58	60
RH Min (%)	34	33	30	28	28
Wind Speed (Kmph)	6	7	7	7	8
Wind Direction (deg)	15	360	342	341	338

**Agro met 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 milk dough 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. **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:**

**21-26°C soil temperature is required for proper germination of 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:**

**As dry weather is forecasted for upcoming 5 days, 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.

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- Kindly install and use **“Meghdoot mobile App”** for Cuttack district weather forecast, warnings and weather based agromet advisory services.  
<https://play.google.com/store/apps/details?id=com.aas.meghdoot>
- Kindly install and use **“Damini mobile App”** for location specific for lightening forecast and warnings.  
<https://play.google.com/store/apps/details?id=com.lightening.live.damini>
- Follow the **block specific whats app groups** and join in your block wise groups for getting weather based agromet advisory services twice in a week (Tuesday and Friday) and other weather warning based farm management advisories.
- Follow the **Official Website links** to get the weather based agromet advisory service bulletins **(English & Odia)** twice in a week (Tuesday and Friday).

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>	

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