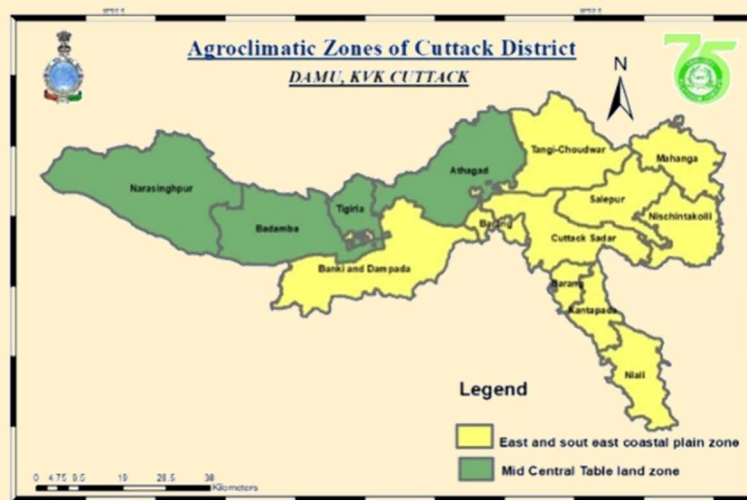




# *Cuttack District Block Wise Agro-met Advisory Service Bulletin*

*Friday, 24<sup>th</sup> November, 2023  
(For the period 24<sup>th</sup> to 28<sup>th</sup> November,  
2023)*



*Issued by  
District Agro-met Unit,  
Krishi Vigyan Kendra Cuttack*



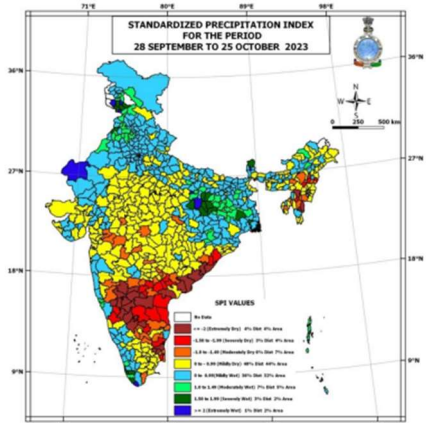
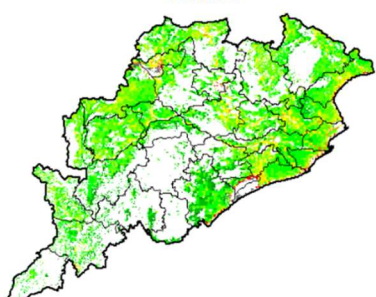


**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
(A Unit of ICAR-National Rice Research Institute)  
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-456  
Date- 24/11/2023

**STANDARD PRECIPITATION INDEX AND NDVI MAP**

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p><b>Standardised Precipitation Index for the period 28<sup>th</sup> September to 25<sup>th</sup> October 2023</b></p>  <p>As per SPI value (cumulative 4weeks -28 September to 25 October2023), Mildly drycondition was there in Cuttack district.</p>	<p><b>NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 46 (12.11.2023 to 18.11.2023) over Agricultural region</b></p> <p style="text-align: center;"><b>Odisha</b></p>  <p>Agriculture vigour is good at few places of the state.</p> <p>According to NDVI map (12.11.2023 to 18.11.2023) the agriculture vigor was light to moderate over isolated places of most of blocks and light over some part of Banki, Banki-Dampda, Athagad, Baranga, Cuttack sadar and Niali.</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

<b>LEGEND (Past week temperature )</b>		
Color code	Temperature	Departure
	Below Normal	< 2°C from normal
	Normal	-2°C to +2°C from normal
	Above Normal	>2°C from normal

DrRanjan Kumar Mohanta  
(Nodal officer)



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APP for Lightening alert in your area



Debasish Jena  
SMS (Agrometeorology)  
Contact No-9861445080/7008453427





# GRAMIN KRISHI MAUSAM SEWA INDIA METEOROLOGICAL DEPARTMENT DISTRICT AGROMET UNIT KRISHI VIGYAN KENDRA CUTTACK

(A Unit of ICAR-National Rice Research Institute)

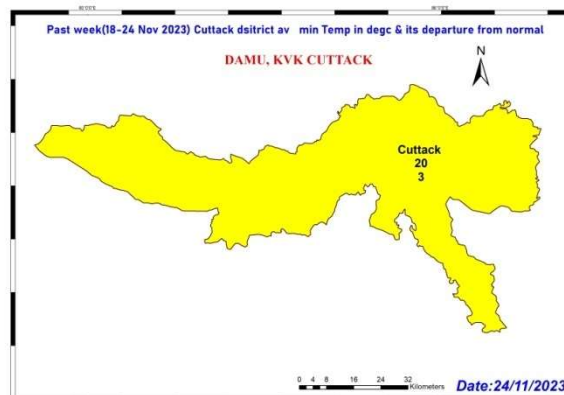
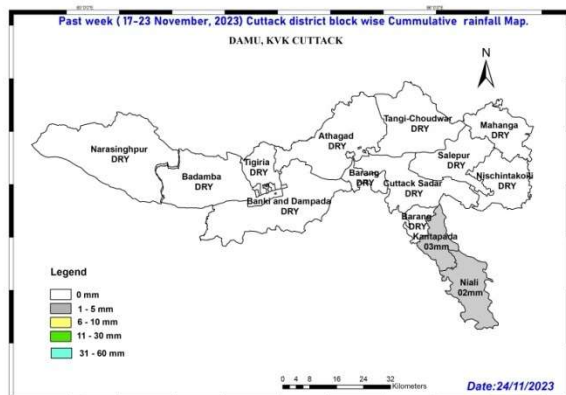
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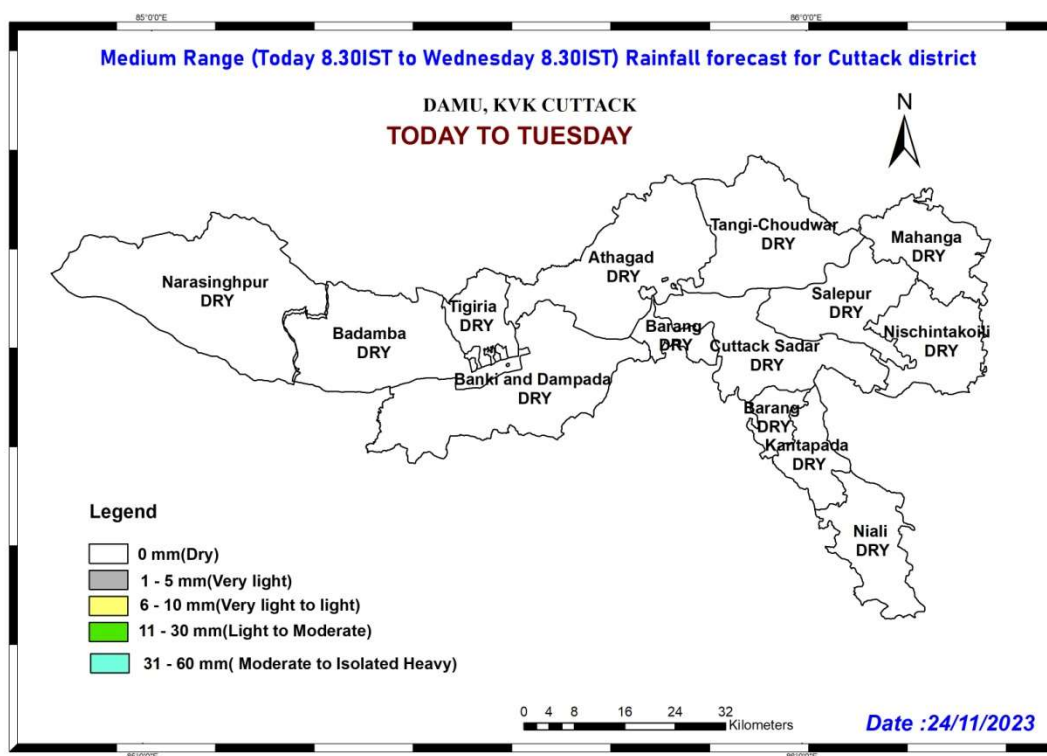
Bulletin No.-456

Date- 24/11/2023

Past week (17-23 Nov, 2023) cumulative rainfall (mm) & (18-24 Nov) average weekly minimum temperature and its departure from normal for Cuttack district



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





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Bulletin No.-456  
 Date- 24/11/2023

Met Sub division	Extended range outlook for subsequent 1 week (6 <sup>th</sup> to 12 <sup>th</sup> days) (29 November-05 December 2023) after 5 days				
Odisha	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall (mm)	2.23	0.92	142.53	Above Normal
	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature (°C)	29.68	28.39	1.29	Normal
	Minimum temperature (°C)	15.83	14.84	0.99	Normal

**\*Agromet Advisory based upon subsequent week extended range forecast:-** There will be above normal rainfall is forecasted in the subsequent week (29 Nov-05 Dec, 2023) after 5 days in Odisha condition, so farmer should harvest matured paddy crops before the subsequent week, which at their 85% physiological maturity stage and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops in the subsequent week by utilizing the rain water.



DrRanjan Kumar Mohanta  
 (Nodal officer)



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Bulletin No.-456

Date- 24/11/2023

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

Sl No	Crop	Stage and condition of the crop	Anticipated Disease and pest	
1	Rice	Milkygrain stage to harvesting stage		Rice ear head bug
				Neck blast
				Gundhi bug
2	Sugarcane	Grand growth stage to cane development stag		Wooly Aphid
				Scale insect
				White fly
				Mealy bug
4	Cole crops	Vegetative to fruiting		DBM
				Leaf eating caterpillar
				Aphid
				Fruit Borer
5	Vegetables	Vegetative to fruiting		sucking pest(Aphid, Mites, Thrips)
6	Tomato	Fruiting		Late Blight







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Bulletin No.-456

Date- 24/11/2023

**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 0.04mm rainfall during the last week. The mean daily maximum and minimum temperature was **30.14°C (-0.6°C from normal)** and **20.14°C (+2.6°C from normal)**, respectively. Mean relative humidity of the district was around 59-78%.

**Forecasted period: Today (8.30 IST) to 29<sup>th</sup> November (8.30 IST) 2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-31°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 60-76% and 28-30% 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	24/11/2023	25/11/2023	26/11/2023	27/11/2023	28/11/2023
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	30	30	30	29	31
T-Min (°C)	19	18	19	18	19
Cloud Cover (octa)	0	3	6	3	5
RH Max (%)	60	64	70	76	68
RH Min (%)	30	29	28	30	30
Wind Speed (kmph)	7	7	7	6	7
Wind Direction (deg)	68	72	360	72	23

**Agromet Advisory**

**General Advisory:** Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

**Kharif Rice:**

Paddy is grain formation to harvesting stage. As dry weather is forecasted for next 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. 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. To control **rice ear head bug**, go for spraying of Dichlorvos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

**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. **Apply irrigation in field if mustard was sown before 15-20 days.** Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethote 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

**VEGETABLES:** As dry weather was prevailed in last 1-2 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**
- Cabbage and Cauliflower:**
- The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:**
- Shoot and fruit borer and leaf eating Caterpillar** may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

**Tomato:** Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato, to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.

DrRanjan Kumar Mohanta  
(Nodal officer)



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Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



# GRAMIN KRISHIMAUSAM SEWA INDIA METEOROLOGICAL DEPARTMENT DISTRICT AGROMET UNIT KRISHI VIGYAN KENDRA CUTTACK

(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-456

Date- 24/11/2023

## 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 0.04mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.14°C (-0.6°C from normal) and 20.14°C (+2.6°C from normal), respectively. Mean relative humidity of the district was around 59-78%.

### Forecasted period: Today(8.30IST) to 29<sup>th</sup> November(8.30IST)2023

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-31°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-72% and 26-30% 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	24/11/2023	25/11/2023	26/11/2023	27/11/2023	28/11/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	29	29	29	31
T-Min(°C)	19	17	18	18	19
Cloud Cover(octa)	0	3	6	2	5
RH Max (%)	66	64	70	72	68
RH Min (%)	30	29	26	29	28
Wind Speed (Kmph)	6	7	7	5	6
Wind Direction (deg)	68	72	11	72	68

### Agromet Advisory

**General Advisory:** Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

#### Kharif Rice:

Paddy is grain formation to harvesting stage. As dry weather is forecasted for next 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. 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. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions are favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

#### 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. **Apply irrigation in field if mustard was sown before 15-20 days.** Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethothate 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

**VEGETABLES:** As dry weather was prevailed in last 1-2 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of **thrips, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**
- Cabbage and Cauliflower:**
- The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:** Shoot and fruit borer and leaf eating Caterpillar may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

**Tomato:** Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato, to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.





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Bulletin No.-456  
Date- 24/11/2023

**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week average weather condition**

The block received average 0mm&district received average 0.04mmrainfall during the last week. The mean daily maximum and minimum temperature was **30.14°C (-0.6°C from normal)** and **20.14°C (+2.6°C from normal)**, respectively. Mean relative humidity of the district was around 59-78%.

**Forecasted period: Today(8.30IST) to 29<sup>th</sup> November(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-31°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-76% and 27-30% 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	24/11/2023	25/11/2023	26/11/2023	27/11/2023	28/11/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	30	30	29	31
T-Min(°C)	19	18	19	18	19
Cloud Cover(octa)	0	3	6	3	5
RH Max (%)	63	63	71	76	68
RH Min (%)	30	28	27	29	29
Wind Speed (Kmph)	7	7	7	6	7
Wind Direction (deg)	68	72	11	72	349

**Agromet Advisory**

**General Advisory:** Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

**Kharif Rice:**

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**PULSES:**

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**Mustard:**

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Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-456

Date- 24/11/2023

## 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 0.04mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.14°C (-0.6°C from normal) and 20.14°C (+2.6°C from normal), respectively. Mean relative humidity of the district was around 59-78%.

### Forecasted period: Today(8.30IST) to 29<sup>th</sup> November(8.30IST)2023

**Weather Advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-31°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-77% and 27-30% 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	24/11/2023	25/11/2023	26/11/2023	27/11/2023	28/11/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	30	30	29	31
T-Min(°C)	19	18	19	18	19
Cloud Cover(octa)	0	3	6	3	5
RH Max (%)	63	63	70	77	68
RH Min (%)	30	28	27	30	29
Wind Speed (Kmph)	7	7	7	6	7
Wind Direction (deg)	68	72	11	72	349

### Agromet Advisory

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#### PULSES:

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#### 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. **Apply irrigation in field if mustard was sown before 15-20 days.** Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethothate 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

**VEGETABLES:** As dry weather was prevailed in last 1-2 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**
- Cabbage and Cauliflower:**
- The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:**
- Shoot and fruit borer and leaf eating Caterpillar** may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

**Tomato:** Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato, to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.





**GRAMIN KRISHIMAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
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Bulletin No.-456  
Date- 24/11/2023

**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 0.04mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.14°C (-0.6°C from normal) and 20.14°C (+2.6°C from normal), respectively. Mean relative humidity of the district was around 59-78%.

**Forecasted period: Today(8.30IST) to 29<sup>th</sup> November(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-31°C and night temperature will be 19-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-77% and 28-32% 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	24/11/2023	25/11/2023	26/11/2023	27/11/2023	28/11/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	30	30	29	31
T-Min(°C)	19	19	19	19	20
Cloud Cover	0	3	6	4	5
RH Max (%)	58	61	68	77	66
RH Min (%)	29	29	28	32	31
Wind Speed (Kmph)	8	9	8	7	9
Wind Direction (deg)	342	60	18	68	25

**Agromet Advisory**

**General Advisory:** Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

**Kharif Rice:**

Paddy is grain formation to harvesting stage. As dry weather is forecasted for next 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. 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. To control rice ear head bug, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of Neck blast disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

**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. Apply irrigation in field if mustard was sown before 15-20 days. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethothate 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

**VEGETABLES:** As dry weather was prevailed in last 1-2 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of thrip, mites and Aphids in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.
- Cabbage and Cauliflower:**
- The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by diamond back moth. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:**
- Shoot and fruit borer and leaf eating Caterpillar may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

**Tomato:** Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato, to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.

DrRanjan Kumar Mohanta  
(Nodal officer)



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**INDIA METEOROLOGICAL DEPARTMENT**  
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**Bulletin No.-456**  
**Date- 24/11/2023**

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

The block received average 0mm and district received average 0.04mm rainfall during the last week. The mean daily maximum and minimum temperature was **30.14°C (-0.6°C from normal)** and **20.14°C (+2.6°C from normal)**, respectively. Mean relative humidity of the district was around 59-78%.

**Forecasted period: Today(8.30IST) to 29<sup>th</sup> November(8.30IST)2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be **29-31°C** and night temperature will be **19-20°C** for upcoming 5 days. Maximum and minimum relative humidity will be 56-74% and 28-32% 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	24/11/2023	25/11/2023	26/11/2023	27/11/2023	28/11/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	30	30	29	31
T-Min(°C)	20	19	19	19	20
Cloud Cover(octa)	0	3	6	3	5
RH Max (%)	56	62	67	74	66
RH Min (%)	29	29	28	32	31
Wind Speed (Kmph)	8	8	7	6	8
Wind Direction (deg)	342	60	18	68	25

**Agromet Advisory**

**General Advisory:** Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

**Kharif Rice:**

Paddy is grain formation to harvesting stage. As dry weather is forecasted for next 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. 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. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

**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.

**Sugarcane:**

The crop is at maturity (40 - 41 week) stage. Postpone irrigation to crops and spraying insecticides and pesticides. For control of sucking pest in sugarcane like **Woolly aphid, Whitefly, Scale insects, mealybug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

**Mustard:**

Taking the advantage of 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. **Apply irrigation in field if mustard was sown before 15-20 days.** Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethote 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

**VEGETABLES:** As dry weather was prevailed in last 1-2 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.
- Cabbage and Cauliflower:** The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:**
- Shoot and fruit borer and leaf eating Caterpillar** may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.
- Tomato:** Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato, to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.

**DrRanjan Kumar Mohanta**  
(Nodal officer)



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# GRAMIN KRISHIMAUSAM SEWA INDIA METEOROLOGICAL DEPARTMENT DISTRICT AGROMET UNIT KRISHI VIGYAN KENDRA CUTTACK

(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

AGROMET ADVISORY BULLETIN FOR KANTAPADA



Bulletin No.-456

Date- 24/11/2023

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

The block received average 0.4 & district received average 0.04mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.14°C (-0.6°C from normal) and 20.14°C (+2.6°C from normal), respectively. Mean relative humidity of the district was around 59-78%.

## Forecasted period: Today(8.30IST) to 29<sup>th</sup> November(8.30IST)2023

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-31°C and night temperature will be 19-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-78% and 30-34% 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	24/11/2023	25/11/2023	26/11/2023	27/11/2023	28/11/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	30	30	29	30
T-Min(°C)	20	19	19	19	20
Cloud Cover(octa)	0	4	6	4	5
RH Max (%)	59	58	66	78	69
RH Min (%)	31	31	30	34	34
Wind Speed (Kmph)	9	10	9	7	10
Wind Direction (deg)	23	60	11	15	25

## Agromet Advisory

**General Advisory:** Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

### Kharif Rice:

Paddy is grain formation to harvesting stage. As dry weather is forecasted for next 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. 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. To control **rice ear head bug**, go for spraying of Dichlorvos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

### 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.

### Sugarcane:

The crop is at maturity (40 - 41 week) stage. Postpone irrigation to crops and spraying insecticides and pesticides. For control of Sucking pest in sugarcane like **Woolly aphid**, **Whitefly**, **Scale insects**, **mealybug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

### Mustard:

Taking the advantage of 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. Apply irrigation in field if mustard was sown before 15-20 days. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethote 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

**VEGETABLES:** As dry weather was prevailed in last 1-2 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of **thrip**, **mites** and **Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.
- Cabbage and Cauliflower:** The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:**
- Shoot and fruit borer** and **leaf eating Caterpillar** may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.

**Tomato:** Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato, to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.

DrRanjan Kumar Mohanta  
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR MAHANGA



Bulletin No.-456

Date- 24/11/2023

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

The block received average 0mm and district received average 0.04mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.14°C (-0.6°C from normal) and 20.14°C (+2.6°C from normal), respectively. Mean relative humidity of the district was around 59-78%.

Forecasted period: Today(8.30IST) to 29<sup>th</sup> November(8.30IST)2023

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be and it will be 29-31°C and night temperature will be 19-20°C for upcoming 5 days. Maximum and minimum relative humidity will 55-72% and 30-35% respectively. There will be clear to partly cloudy for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	24/11/2023	25/11/2023	26/11/2023	27/11/2023	28/11/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	30	30	29	30
T-Min(°C)	19	19	19	19	20
Cloud Cover(octal)	0	3	6	4	5
RH Max (%)	55	58	63	72	66
RH Min (%)	30	31	31	35	35
Wind Speed (Kmph)	8	9	8	7	9
Wind Direction (deg)	23	23	18	60	25

Agro-met Advisory

**General Advisory:** Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

**Kharif Rice:**

Paddy is grain formation to harvesting stage. As dry weather is forecasted for next 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. 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. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

**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.

**Sugarcane:**

The crop is at maturity (40 - 41 week) stage. Postpone irrigation to crops and spraying insecticides and pesticides. For control of sucking pest in sugarcane like **Woolly aphid, Whitefly, Scale insects, mealy bug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

**Mustard:**

Taking the advantage of 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. Apply irrigation in field if mustard was sown before 15-20 days. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethote 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

**VEGETABLES:** As dry weather was prevailed in last 1-2 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.
- Cabbage and Cauliflower:** The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:**
- Shoot and fruit borer and leaf eating Caterpillar** may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.
- Tomato:** Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato, to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.

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(Nodal officer)



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Bulletin No.-456

Date- 24/11/2023

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

The block received average 0mm and district received average 0.04mm rainfall during the last week. The mean daily maximum and minimum temperature was **30.14°C (-0.6°C from normal)** and **20.14°C (+2.6°C from normal)**, respectively. Mean relative humidity of the district was around 59-78%.

**Forecasted period: Today(8.30IST) to 29<sup>th</sup> November(8.30IST)2023**

**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 67-74% and 24-30% 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	24/11/2023	25/11/2023	26/11/2023	27/11/2023	28/11/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	29	29	29	30
T-Min(°C)	18	16	18	17	18
Cloud Cover(/octa)	0	3	6	1	4
RH Max (%)	74	67	69	69	71
RH Min (%)	30	29	24	28	28
Wind Speed (Kmph)	5	5	5	4	5
Wind Direction (deg)	68	72	45	56	68

**Agromet Advisory**

**General Advisory:** Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

**Kharif Rice:**

Paddy is grain formation to harvesting stage. As dry weather is forecasted for next 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. 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. To control **rice ear head bug**, go for spraying of Dichlorvos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions are favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

**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. **Apply irrigation in field if mustard was sown before 15-20 days.** Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethothate 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

**VEGETABLES:** As dry weather is forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**
- Cabbage and Cauliflower:**
- The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:**
- Shoot and fruit borer and leaf eating Caterpillar** may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.
- Tomato:** Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato, to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.







**GRAMIN KRISHIMAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
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**Bulletin No.-456**  
**Date- 24/11/2023**

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

The block received average 0.3mm rainfall during the last week. The mean daily maximum and minimum temperature was **30.14°C (-0.6°C from normal)** and **20.14°C (+2.6°C from normal)**, respectively. Mean relative humidity of the district was around 59-78%.

**Forecasted period: Today(8.30IST) to 29<sup>th</sup> November(8.30IST)2023**

**Weather advisory:** *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **29-31°C** and night temperature will be **19-20°C** for upcoming 5 days. Maximum and minimum relative humidity will be 58-79% and 31-36% 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	24/11/2023	25/11/2023	26/11/2023	27/11/2023	28/11/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	30	30	29	31
T-Min(°C)	20	19	19	19	20
Cloud Cover(octa)	0	4	6	4	6
RH Max (%)	59	58	66	79	72
RH Min (%)	33	33	31	36	36
Wind Speed(Kmph)	10	11	10	8	10
Wind Direction(deg)	75	60	349	23	25

**Agromet Advisory**

**General Advisory:** *Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture*

**Kharif Rice:**

Paddy is grain formation to harvesting stage. **As dry weather is forecasted for next 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.** 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. To control **rice ear head bug**, go for spraying of Dichlorvos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions is favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

**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.

**Sugarcane:**

The crop is at maturity (40 - 41 week) stage. Postpone irrigation to crops and spraying insecticides and pesticides. For control of Sucking pest in sugarcane like **Woolly aphid, Whitefly, Scale insects, mealybug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

**Mustard:**

Taking the advantage of 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. **Apply irrigation in field if mustard was sown before 15-20 days. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethote 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.**

**VEGETABLES:** **As dry weather is forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.**

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**
- Cabbage and Cauliflower:** The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:**
- Shoot and fruit borer and leaf eating Caterpillar** may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.
- Tomato:** **Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato,** to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.

**DrRanjan Kumar Mohanta**  
(Nodal officer)



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**Bulletin No.-456**  
**Date- 24/11/2023**

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

The block received average 0mm&district received average 0.04mmrainfall during the last week. The mean daily maximum and minimum temperature was **30.14°C (-0.6°C from normal)** and **20.14°C (+2.6°C from normal)**, respectively. Mean relative humidity of the district was around 59-78%.

**Forecasted period: Today(8.30IST) to 29<sup>th</sup> November(8.30IST)2023**

**Weatheradvisory:;** *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **29-31°C** and night temperature will be **19-20°C** for upcoming 5 days. Maximum and minimum relative humidity will be **56-73%** and **31-35%** 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	24/11/2023	25/11/2023	26/11/2023	27/11/2023	28/11/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	30	30	29	30
T-Min(°C)	20	19	19	19	20
Cloud Cover(octa)	0	3	6	4	5
RH Max (%)	56	58	64	73	67
RH Min (%)	31	31	31	35	35
Wind Speed (Kmph)	9	10	9	7	10
Wind Direction (deg)	23	60	18	60	25

**Agromet Advisory**

**General Advisory:** *Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture*

**Kharif Rice:**

Paddy is grain formation to harvesting stage. **As dry weather is forecasted for next 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop.** 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. To control **rice ear head bug**, go for spraying of Dichlorovos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions are favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

**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.

**Sugarcane:**

The crop is at maturity (40 - 41 week) stage. Postpone irrigation to crops and spraying insecticides and pesticides. For control of sucking pest in sugarcane like **Woolly aphid, Whitefly, Scale insects, mealybug** in present weather conditions go for alternate spraying of thiomethoxam 25WG @ 0.25 gm/lit or imidacloprid 0.45 ml/lit of water or Dinotefuron 20% SG 3gm/lit of Water.

**Mustard:**

Taking the advantage of 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. **Apply irrigation in field if mustard was sown before 15-20 days.** Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethote 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

**VEGETABLES:** As dry weather was prevailed in last 1-2 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.**
- Cabbage and Cauliflower:** The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:**
- Shoot and fruit borer and leaf eating Caterpillar** may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.
- Tomato:** Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato, to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.

**DrRanjan Kumar Mohanta**  
 (Nodal officer)



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**Bulletin No.-456**  
**Date- 24/11/2023**

**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 0.04mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.14°C (-0.6°C from normal) and 20.14°C (+2.6°C from normal), respectively. Mean relative humidity of the district was around 59-78%.

**Forecasted period: Today(8.30IST) to 29<sup>th</sup> November(8.30IST)2023**

**Weather advisory::** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-31°C and night temperature will be 19-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 55-73% and 30-35% 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	24/11/2023	25/11/2023	26/11/2023	27/11/2023	28/11/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	30	30	29	30
T-Min(°C)	20	19	19	19	20
Cloud Cover(octa)	0	3	6	4	5
RH Max (%)	55	59	64	73	66
RH Min (%)	30	31	30	35	35
Wind Speed (Kmph)	9	9	8	7	9
Wind Direction (deg)	75	23	18	60	25

**Agromet Advisory**

**General Advisory:** Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

**Kharif Rice:**

Paddy is grain formation to harvesting stage. As dry weather is forecasted for next 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. 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. To control **rice ear head bug**, go for spraying of Dichlorvos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions are favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

**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. Apply irrigation in field if mustard was sown before 15-20 days. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethote 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

**VEGETABLES:** As dry weather was prevailed in last 1-2 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.
- Cabbage and Cauliflower:**
  - The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:**
  - Shoot and fruit borer and leaf eating Caterpillar may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.
- Tomato:** Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato, to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.

**DrRanjan Kumar Mohanta**  
 (Nodal officer)



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# GRAMIN KRISHIMAUSAM SEWA INDIA METEOROLOGICAL DEPARTMENT DISTRICT AGROMET UNIT KRISHI VIGYAN KENDRA CUTTACK

(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-456

Date- 24/11/2023

## 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 0.04mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.14°C (-0.6°C from normal) and 20.14°C (+2.6°C from normal), respectively. Mean relative humidity of the district was around 59-78%.

### Forecasted period: Today(8.30IST) to 29<sup>th</sup> November(8.30IST)2023

**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 20-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-75% and 39-44% 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	24/11/2023	25/11/2023	26/11/2023	27/11/2023	28/11/2023
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	30	30	29	30
T-Min(°C)	20	20	20	20	21
Cloud Cover(octa)	0	4	6	5	6
RH Max (%)	61	61	64	74	75
RH Min (%)	39	40	40	43	44
Wind Speed (Kmph)	11	12	11	10	11
Wind Direction (deg)	60	45	23	60	45

### Agromet Advisory

**General Advisory:** Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

#### Kharif Rice:

Paddy is grain formation to harvesting stage. As dry weather is forecasted for next 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. 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. To control **rice ear head bug**, go for spraying of Dichlorvos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions are favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

**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. Apply irrigation in field if mustard was sown before 15-20 days. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethote 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

**VEGETABLES:** As dry weather was prevailed in last 1-2 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.
- Cabbage and Cauliflower:**
- The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:**
- Shoot and fruit borer and leaf eating Caterpillar may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.
- Tomato:** Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato, to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.





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Bulletin No.-456  
Date- 24/11/2023

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

The block received average 0mm & district received average 0.04mm rainfall during the last week. The mean daily maximum and minimum temperature was 30.14°C (-0.6°C from normal) and 20.14°C (+2.6°C from normal), respectively. Mean relative humidity of the district was around 59-78%.

**Forecasted period: Today (8.30 IST) to 29<sup>th</sup> November (8.30 IST) 2023**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 29-31°C and night temperature will be 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-74% and 28-31% 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	24/11/2023	25/11/2023	26/11/2023	27/11/2023	28/11/2023
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	30	30	30	29	31
T-Min (°C)	19	18	19	18	19
Cloud Cover (octa)	0	3	6	3	5
RH Max (%)	62	65	71	74	68
RH Min (%)	31	29	28	30	29
Wind Speed (Kmph)	6	7	7	5	6
Wind Direction (deg)	68	72	11	72	23

**Agro met Advisory**

**General Advisory:** Harvest matured paddy crops and store them in safer place after sun drying. Complete nursery sowing or transplanting of winter vegetable crops. Irrigate the nursery during morning and evening time. Use low cost polythene cover above the vegetables nursery to avoid high evapotranspiration and to maintain soil temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture

**Kharif Rice:**

Paddy is grain formation to harvesting stage. As dry weather is forecasted for next 5 days, in early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop. 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. To control **rice ear head bug**, go for spraying of Dichlorvos @ 1ml/l during evening hours. Spray the chemical from borders to middle of the field. Present weather conditions are favourable for the incidence of **Neck blast** disease. To control, go for spraying of tricyclazole @ 0.6 g/l or Carbendazim @ 1 g / L.

**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. Apply irrigation in field if mustard was sown before 15-20 days. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethothate 30 EC @ 1ml in liter of water and to control Saw fly spray imidachloprid 0.3 ml /liter of water.

**VEGETABLES:** As dry weather was prevailed in last 1-2 weeks and also forecasted for upcoming 5 days, farmers should irrigate their vegetable field in morning and evening hrs.

- Go for early planting of cole crops like raddish, cabbage, cauliflower, beans, cluster bean and tomato. There is a chance of occurrence of **thrip, mites and Aphids** in Brinjal, Tomato, Chilli, cole crops, for control spray imidachloprid 0.3 ml /liter or fipronil 2 ml /liter of water.
- As Onion is shallow rooted crop, so at bulb initiation stage (after 60 days) due to forecasted dry weather farmers are advised to go for irrigation in the moisture sensitive stage.
- Cabbage and Cauliflower:**
- The transplanted cabbage is at seedling establishment to three week stage. At three week stage go for hoeing, weeding and apply 55kg urea per acre followed by irrigation. Cole crops may get affected by **diamond back moth**. To control this apply Spinosad 45SC @ 0.5ml/l.
- Brinjal:**
- Shoot and fruit borer and leaf eating Caterpillar** may observe in brinjal field, to control it spray Emamectin benzoate 5% SG @ 0.4 g/litre of water or Chlorantraniliprole 18.5% SC @ 0.4 ml/litre of water. Spraying should be done during the early morning or evening hours.
- Tomato:** Due to decrease in minimum temperature and foggy condition there may be chances of late blight in tomato, to avoid late blight precaution must be taken during the initial infection stage. Spray 2.5-gram Metalaxyl + Mancozeb/lit of water. Mix 3 gram Trichoderma with per kg of seed during seed treatment. Avoid excess nitrogen fertilizer and close spacing of plants.

Dr Ranjan Kumar Mohanta  
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Bulletin No.-456  
 Date- 24/11/2023

				
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- 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	Agromet division, IMD, Pune	<a href="https://imdagrmet.gov.in/imdproject/AGIndex.php">https://imdagrmet.gov.in/imdproject/AGIndex.php</a>	