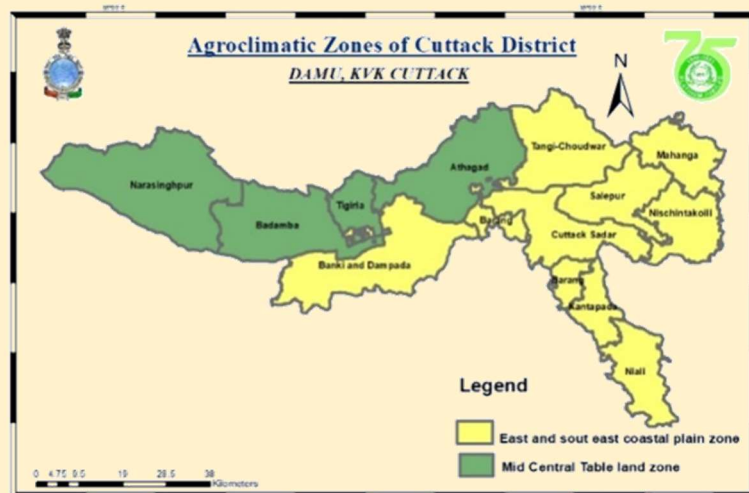




# Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 29<sup>th</sup> November, 2022  
(For the period 29<sup>th</sup>  
November to 03<sup>rd</sup> December, 2022)*



*Issued by  
District Agromet Unit,  
KrishiVigyan Kendra Cuttack*





**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
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**Bulletin No.-352**  
**Date- 29/11/2022**

**STANDARD PRECIPITATION INDEX AND NDVI MAP**

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p>Standardised Precipitation Index for the period 27<sup>th</sup> October 2022 to 23<sup>rd</sup> November 2022</p> <p>MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CRS PUNE</p> <p>STANDARDIZED PRECIPITATION INDEX FOR THE PERIOD 27 OCT 2022 TO 23 NOV 2022</p> <p>SPI VALUES</p> <ul style="list-style-type: none"> <li>&lt; -2.0 (Extremely Dry)</li> <li>-1.50 to -1.99 (Severely Dry)</li> <li>-1.00 to -1.49 (Moderately Dry)</li> <li>-0.50 to -0.99 (Mildly Dry)</li> <li>0.0 to 0.49 (Near Normal)</li> <li>0.50 to 0.99 (Moderately Wet)</li> <li>1.00 to 1.49 (Severely Wet)</li> <li>1.50 to 1.99 (Extremely Wet)</li> <li>&gt; 2.0 (Extremely Wet)</li> <li>No Data</li> </ul>	<p>NOAA/VIIIRS/BLENDED NDVI Composite ending on Week no 47 (19.11.2022 to 25.11.2022) over Agricultural region</p> <p style="text-align: center;"><b>Odisha</b></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 few places of the state and moderate over rest of the state.</p>
<p><b>As per SPI value (cumulative 4weeks -27 October2022 – 23 November2022), milddrycondition was there in Cuttack district.</b></p>	<p><b>According to NDVI map (19.11.2022 to 25.11.2022) the agriculture vigor was moderate over most places of Cuttack and light to moderate over BankiDampada, Athagad and Baranga,Cuttack sadar, Niali block of Cuttack district.</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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**Debasish Jena**  
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**Contact No-9861445080/7008453427**



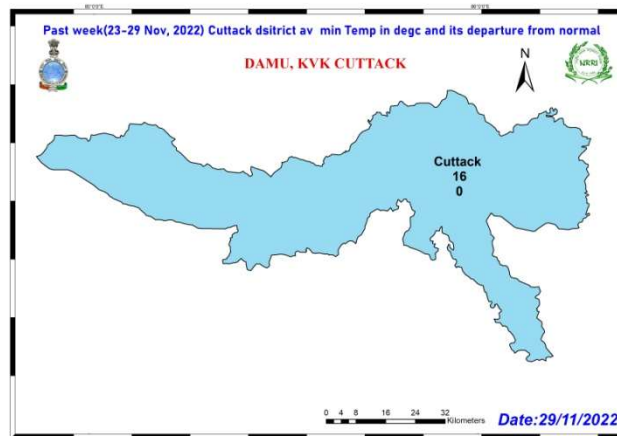
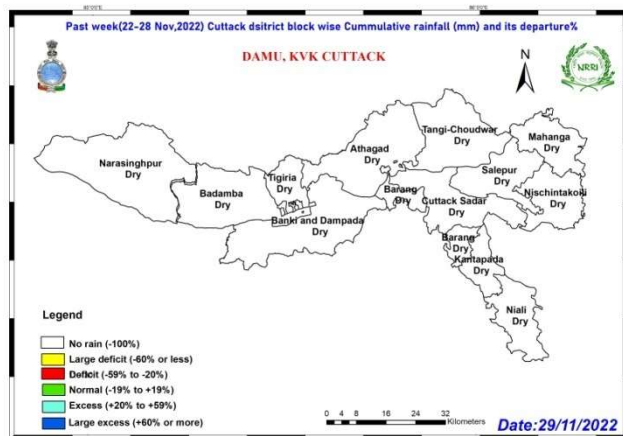


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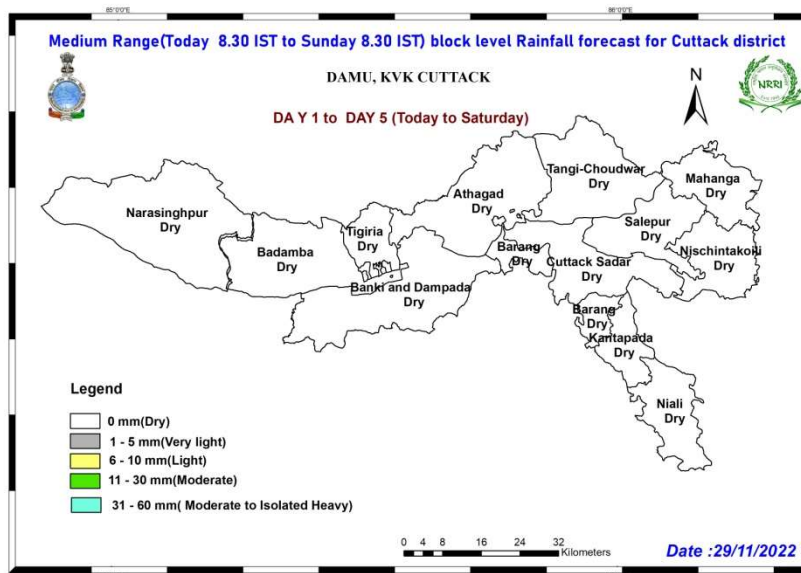


**Bulletin No.-352**  
**Date- 29/11/2022**

**Past week (22-28 Nov, 2022) cumulative rainfall departure% from normal and (23-29 Nov, 2022) average minimum temperature and its departure from normal for Cuttack district**



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



**Dr Sujata Sethy**  
 (Nodal officer)



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**Bulletin No.-352**  
**Date- 29/11/2022**

**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	Milk dough to maturity		False smut
2	Sugarcane	Grand growth stage to cane development stag		Woolly Aphid
				Scale insect
				White fly
				Mealy bug
3	Mustard	Vegetative		Painted Bug
				Saw fly
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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**(Nodal officer)**



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**Bulletin No.-352**  
**Date- 29/11/2022**

**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 29.2°C (-0.9) and 16.4°C (0.2), respectively. The mean relative humidity was 65-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> December(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 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-76% and 31-39% 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	29/11/2022	30/11/2022	01/12/2022	02/12/2022	03/12/2022
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	30	31	31	30	31
T-Min (°C)	19	19	18	18	18
Cloud Cover (octa)	1	0	0	0	4
RH Max (%)	68	71	71	70	76
RH Min (%)	35	39	34	32	31
Wind Speed (kmph)	6	6	6	6	5
Wind Direction (deg)	11	60	60	68	60

**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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

**Kharif Rice:**

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. 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. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter 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, 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. 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 2-3 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.

**Animal husbandry:**

In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

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



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**Bulletin No.-352**  
**Date- 29/11/2022**

**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 29.2°C (-0.9) and 16.4°C (0.2), respectively. The mean relative humidity was 65-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> December(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 63-82% and 32-39% 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	29/11/2022	30/11/2022	01/12/2022	02/12/2022	03/12/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	31	31	30	31
T-Min(°C)	18	19	18	17	18
Cloud Cover(octa)	1	0	0	0	4
RH Max (%)	63	74	76	79	82
RH Min (%)	33	39	34	33	32
Wind Speed (Kmph)	6	5	5	5	4
Wind Direction (deg)	360	68	63	63	195

**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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

**Kharif Rice:**

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. 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. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter 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, 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. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethoth 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 2-3 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.

**Animal husbandry:**

In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

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



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**Bulletin No.-352**  
**Date- 29/11/2022**

**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 29.2°C (-0.9) and 16.4°C (0.2), respectively. The mean relative humidity was 65-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> December(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 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-81% and 31-39% 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	29/11/2022	30/11/2022	01/12/2022	02/12/2022	03/12/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	31	31	30	31
T-Min(°C)	19	19	18	18	18
Cloud Cover(octa)	0	0	0	0	4
RH Max (%)	66	71	72	75	81
RH Min (%)	34	39	33	32	31
Wind Speed (Kmph)	6	6	6	5	5
Wind Direction (deg)	11	68	68	63	60

**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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

**Kharif Rice:**

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. 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. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter 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:**

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- 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.
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**(Nodal officer)**



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Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.comBulletin No.-352  
Date- 29/11/2022

## 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 29.2°C (-0.9) and 16.4°C (0.2), respectively. The mean relative humidity was 65-72%.

Forecasted period: Today(8.30IST) to 04<sup>th</sup> December(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 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-80% and 31-39% 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	29/11/2022	30/11/2022	01/12/2022	02/12/2022	03/12/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	31	31	30	31
T-Min(°C)	19	19	18	18	18
Cloud Cover(octa)	0	0	0	0	4
RH Max (%)	66	70	72	74	80
RH Min (%)	35	39	33	32	31
Wind Speed (Kmph)	6	6	6	6	5
Wind Direction (deg)	11	68	68	63	60

## 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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

**Kharif Rice:**

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**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, 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. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethotho 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 2-3 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.

**Animal husbandry:**

- In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

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**Bulletin No.-352**  
**Date- 29/11/2022**

**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 29.2°C (-0.9) and 16.4°C (0.2), respectively. The mean relative humidity was 65-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> December(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 63-70% and 30-38% 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	29/11/2022	30/11/2022	01/12/2022	02/12/2022	03/12/2022
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	0	0	0	0	4
RH Max (%)	66	65	64	63	70
RH Min (%)	37	38	33	31	30
Wind Speed (Kmph)	8	9	8	8	6
Wind Direction (deg)	23	60	23	45	360

**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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

**Kharif Rice:**

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. 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. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter 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, 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. 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 2-3 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.

**Animal husbandry:**

- In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

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



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**Bulletin No.-352**  
**Date- 29/11/2022**

**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 29.2°C (-0.9) and 16.4°C (0.2), respectively. The mean relative humidity was 65-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> December(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 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-68% and 31-37% 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	29/11/2022	30/11/2022	01/12/2022	02/12/2022	03/12/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	31	30	31
T-Min(°C)	20	20	19	18	18
Cloud Cover(octa)	0	0	0	0	4
RH Max (%)	67	67	66	62	68
RH Min (%)	36	37	33	31	31
Wind Speed (Kmph)	8	8	7	7	5
Wind Direction (deg)	23	60	45	45	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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

**Kharif Rice:**

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. 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. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water.

**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, 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. 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 2-3 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.

**Animal husbandry:**

In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

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



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**Bulletin No.-352**  
**Date- 29/11/2022**

**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 29.2°C (-0.9) and 16.4°C (0.2), respectively. The mean relative humidity was 65-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> December(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 61-68% and 31-38% 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	29/11/2022	30/11/2022	01/12/2022	02/12/2022	03/12/2022
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)	0	0	0	0	5
RH Max (%)	64	61	62	64	68
RH Min (%)	38	38	33	31	31
Wind Speed (Kmph)	10	10	9	9	7
Wind Direction (deg)	45	60	23	11	345

**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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.**

**Kharif Rice:**

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. **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.** For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water.

**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, 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. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethoth 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 2-3 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.

**Animal husbandry:**

In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

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



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**Bulletin No.-352**  
**Date- 29/11/2022**

**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 29.2°C (-0.9) and 16.4°C (0.2), respectively. The mean relative humidity was 65-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> December(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 30-31°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-63% and 31-37% 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	29/11/2022	30/11/2022	01/12/2022	02/12/2022	03/12/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	31	30	31
T-Min(°C)	20	19	18	18	18
Cloud Cover(octal)	0	0	0	0	4
RH Max (%)	62	63	62	56	58
RH Min (%)	37	37	35	31	32
Wind Speed (Kmph)	9	9	9	8	7
Wind Direction (deg)	45	23	23	360	18

**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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

**Kharif Rice:**

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. 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. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water.

**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, 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. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethoth 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 2-3 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.

**Animal husbandry:**

- In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

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



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**Bulletin No.-352**  
**Date- 29/11/2022**

**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 29.2°C (-0.9) and 16.4°C (0.2), respectively. The mean relative humidity was 65-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> December(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 17-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 59-85% and 29-37% 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	29/11/2022	30/11/2022	01/12/2022	02/12/2022	03/12/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	30	31	30	31
T-Min(°C)	17	18	17	17	17
Cloud Cover(octa)	1	0	0	0	4
RH Max (%)	59	79	81	85	81
RH Min (%)	29	37	34	33	32
Wind Speed (Kmph)	5	4	4	4	4
Wind Direction (deg)	347	64	72	158	75

**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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

**Kharif Rice:**

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. 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. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter 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, 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. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethotho 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 2-3 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.

**Animal husbandry:**

- In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

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



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**Bulletin No.-352**  
**Date- 29/11/2022**

**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 29.2°C (-0.9) and 16.4°C (0.2), respectively. The mean relative humidity was 65-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> December(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 62-70% and 32-39% 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	29/11/2022	30/11/2022	01/12/2022	02/12/2022	03/12/2022
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)	0	0	0	0	5
RH Max (%)	64	62	63	65	70
RH Min (%)	38	39	34	32	32
Wind Speed(Kmph)	11	11	10	9	8
Wind Direction(deg)	45	60	30	15	338

**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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

**Kharif Rice:**

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. 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. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water.

**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, 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. 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 2-3 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.

**Animal husbandry:**

- In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

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



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**Bulletin No.-352**  
**Date- 29/11/2022**

**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 29.2°C (-0.9) and 16.4°C (0.2), respectively. The mean relative humidity was 65-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> December(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 57-62% and 31-38% 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	29/11/2022	30/11/2022	01/12/2022	02/12/2022	03/12/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	31	31	31
T-Min(°C)	20	20	18	18	18
Cloud Cover(octa)	0	0	0	0	4
RH Max (%)	62	62	61	57	59
RH Min (%)	38	38	35	31	32
Wind Speed (Kmph)	10	10	9	8	7
Wind Direction (deg)	45	23	30	11	360

**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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

**Kharif Rice:**

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. 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. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter of water.

**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, 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. 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 2-3 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.

**Animal husbandry:**

- In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

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



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**Bulletin No.-352**  
**Date- 29/11/2022**

**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 29.2°C (-0.9) and 16.4°C (0.2), respectively. The mean relative humidity was 65-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> December(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 57-63% and 31-38% 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	29/11/2022	30/11/2022	01/12/2022	02/12/2022	03/12/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	31	31	31	31	31
T-Min(°C)	20	20	18	18	18
Cloud Cover(octa)	0	0	0	0	4
RH Max (%)	63	63	61	57	60
RH Min (%)	38	38	34	31	31
Wind Speed (Kmph)	9	9	9	8	7
Wind Direction (deg)	45	23	23	360	360

**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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

**Kharif Rice:**

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. 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. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter 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, 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. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethoth 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 2-3 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.

**Animal husbandry:**

In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

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



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**Bulletin No.-352**  
**Date- 29/11/2022**

**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 29.2°C (-0.9) and 16.4°C (0.2), respectively. The mean relative humidity was 65-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> December(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 20-23°C for upcoming 5 days. Maximum and minimum relative humidity will be 59-63% 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	29/11/2022	30/11/2022	01/12/2022	02/12/2022	03/12/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	30	30	30	30
T-Min(°C)	23	22	21	20	20
Cloud Cover(octa)	1	0	0	0	4
RH Max (%)	62	61	61	59	63
RH Min (%)	44	44	40	39	39
Wind Speed (Kmph)	14	13	13	11	10
Wind Direction (deg)	32	54	65	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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.**

**Kharif Rice:**

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. **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.** For prevention of **false smut** spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter 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, 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. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethoth 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 2-3 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.

**Animal husbandry:**

- In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

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



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**Bulletin No.-352**  
**Date- 29/11/2022**

**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 29.2°C (-0.9) and 16.4°C (0.2), respectively. The mean relative humidity was 65-72%.

**Forecasted period: Today(8.30IST) to 04<sup>th</sup> December(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 18-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-79% and 32-39% 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	29/11/2022	30/11/2022	01/12/2022	02/12/2022	03/12/2022
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	30	31	31	30	31
T-Min(°C)	19	19	18	18	18
Cloud Cover(octa)	1	0	0	0	4
RH Max (%)	66	73	74	74	79
RH Min (%)	34	39	34	33	32
Wind Speed (Kmph)	6	6	5	5	5
Wind Direction (deg)	11	68	63	63	60

**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 poor germination due to low temperature. Go for sowing of pea, gram and green gram crop by utilizing residual soil moisture.

**Kharif Rice:**

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. 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. For prevention of false smut spray the field before panicle initiation or flowering with propiconazole 25%EC @ 2ml/liter 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, 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. Due to increase in day temperature there may be infestation of saw fly and painted bug in Mustard, to control bug spray Dimethotho 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 2-3 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.

**Animal husbandry:**

- In winter during cold hours farmers should keep doors, windows and open spaces in sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.

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



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



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**Bulletin No.-352**  
**Date- 29/11/2022**

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

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