



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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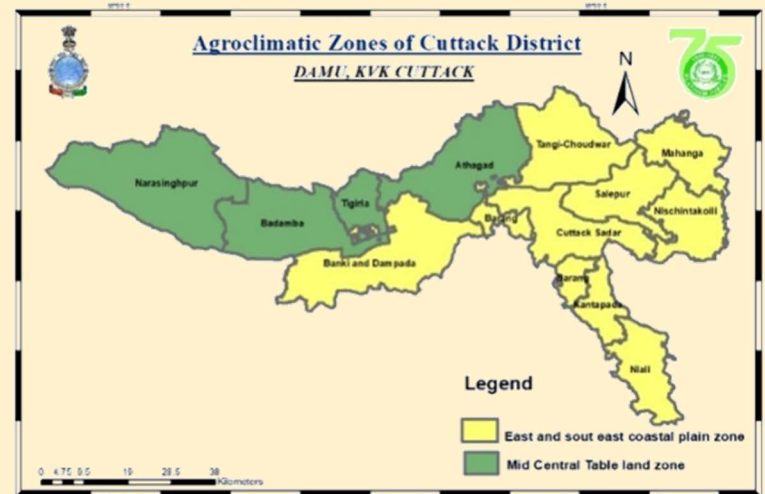


Bulletin No.-542

Date- 06/12/2024

# Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 06<sup>th</sup> December, 2024  
(For the period 06<sup>th</sup> to 10<sup>th</sup> December, 2024)*



*Issued by  
District Agromet Unit,  
KrishiVigyan Kendra Cuttack*

Dr Sujata Sethy  
(Nodal officer)



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Debasish Jena  
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**STANDARD PRECIPITATION INDEX AND NDVI MAP**

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<div style="text-align: center;"> <p><b>MINISTRY OF EARTH SCIENCES</b>  <b>INDIA METEOROLOGICAL DEPARTMENT</b>  <b>HYDROMET SECTION, CRS PUNE</b></p> <p><b>STANDARDIZED PRECIPITATION INDEX</b>  <b>FOR THE PERIOD</b>  <b>07 NOVEMBER TO 04 DECEMBER 2024</b></p> <p><b>SPI VALUES</b></p> <ul style="list-style-type: none"> <li>0 to 0.5 (Extremely Dry) 0% to 5% Area</li> <li>0.5 to 1.0 (Moderately Dry) 5% to 10% Area</li> <li>1.0 to 1.5 (Moderately Dry) 10% to 20% Area</li> <li>1.5 to 2.0 (Moderately Dry) 20% to 30% Area</li> <li>2.0 to 2.5 (Moderately Dry) 30% to 40% Area</li> <li>2.5 to 3.0 (Moderately Dry) 40% to 50% Area</li> <li>3.0 to 3.5 (Moderately Dry) 50% to 60% Area</li> <li>3.5 to 4.0 (Moderately Dry) 60% to 70% Area</li> <li>4.0 to 4.5 (Moderately Dry) 70% to 80% Area</li> <li>4.5 to 5.0 (Moderately Dry) 80% to 90% Area</li> <li>5.0 to 5.5 (Moderately Dry) 90% to 100% Area</li> </ul> </div>	<div style="text-align: center;"> <p><b>NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 48</b>  <b>(25.11.2024 to 01.12.2024) over Agricultural region</b></p> <p><b>Odisha</b></p> <ul style="list-style-type: none"> <li>-0.9999 - 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><b>Bare soil, rocks clouds, rain, snow, etc.</b></p> <p><b>Moderate</b></p> <p><b>Good</b></p> <p><b>Very good</b></p> <p>Agriculture vigour is good at few places of the state.</p> </div>
<p><b><i>As per SPI value (cumulative 4weeks -07 November to 04 December, 2024), mildly dry condition was there in Cuttack district.</i></b></p>	<p><b><i>According to NDVI map (25.11.2024 to 01.12.2024) the agriculture vigor was moderate overmost places of Cuttack district.</i></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


















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

Sl No	Crop	Stage and condition of the crop	Anticipated Disease and pest	
1	Rice	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.-542  
Date- 06/12/2024

**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 27.85°C (-1.76) and 18.57°C (3.4), respectively. The mean relative humidity was 73-76%.

**Forecasted period: Today(8.30IST) to 11<sup>th</sup> December(8.30IST)2024**

**Weather advisory:** Very light to light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for other 3 days in the block. The day temperature will be 29-33°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-95% and 37-56% 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	06/12/2024	07/12/2024	08/12/2024	09/12/2024	10/12/2024
Rainfall (mm)	0	0	5	10	0
T-Max (°C)	32	31	30	33	29
T-Min (°C)	19	19	20	19	18
Cloud Cover (octa)	0	6	6	7	8
RH Max (%)	95	92	80	84	80
RH Min (%)	37	44	56	51	52
Wind Speed (kmph)	8	6	9	9	9
Wind Direction (deg)	101	117	153	203	63

**Agromet Advisory**

**General Advisory:**

Due to forecasted low night temperature coupled with fog during upcoming days, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from fog, low temperature and moisture stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables.

**Kharif Rice:**

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. In early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop before Sunday. 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.

**Mustard:**

Taking the advantage of available soil moisture, land preparation and sowing of the crop should be started to get optimum yield. 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 4 weeks and also forecasted for upcoming 2-3 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.-542  
Date- 06/12/2024

**AGROMET ADVISORY BULLETIN FOR BADAMBBA**

**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 27.85°C (-1.76) and 18.57°C (3.4), respectively. The mean relative humidity was 73-76%.

**Forecasted period: Today(8.30IST) to 11<sup>th</sup> December (8.30IST)2024**

**Weather advisory:** Very light to light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for other 3 days in the block. The day temperature will be 29-32°C and night temperature will be 17-19°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-95% and 34-57% 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	06/12/2024	07/12/2024	08/12/2024	09/12/2024	10/12/2024
Rainfall(mm)	0	0	5	10	0
T-Max(°C)	31	31	30	32	29
T-Min(°C)	18	19	19	19	17
Cloud Cover(octa)	0	6	6	6	8
RH Max (%)	95	95	84	87	79
RH Min (%)	34	43	57	53	52
Wind Speed (Kmph)	7	6	10	8	7
Wind Direction (deg)	360	135	159	90	64

**Agromet Advisory**

**General Advisory:**

Due to forecasted low night temperature coupled with fog during upcoming days, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from fog, low temperature and moisture stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables.

**Kharif Rice:**

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. In early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop before Sunday. 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.

**Mustard:**

Taking the advantage of available soil moisture, land preparation and sowing of the crop should be started to get optimum yield. 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 4 weeks and also forecasted for upcoming 2-3 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:**

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Dr Sujata Sethy  
(Nodal officer)



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Bulletin No.-542  
Date- 06/12/2024

**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 27.85°C (-1.76) and 18.57°C (3.4), respectively. The mean relative humidity was 73-76%.

**Forecasted period: Today(8.30IST) to 11<sup>th</sup> December (8.30IST)2024**

**Weather advisory:** Very light to light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for other 3 days in the block. The day temperature will be 29-32°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-95% and 34-56% 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	06/12/2024	07/12/2024	08/12/2024	09/12/2024	10/12/2024
Rainfall(mm)	0	0	3	8	0
T-Max(°C)	32	31	30	32	29
T-Min(°C)	19	19	20	18	18
Cloud Cover(octa)	0	6	6	6	8
RH Max (%)	95	92	81	83	78
RH Min (%)	34	46	56	51	50
Wind Speed (Kmph)	8	7	10	10	8
Wind Direction (deg)	101	152	156	203	64

**Agromet Advisory**

**General Advisory:**

Due to forecasted low night temperature coupled with fog during upcoming days, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from fog, low temperature and moisture stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables.

**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.

**Mustard:**

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**VEGETABLES:**

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- Tomato:**
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**Animal husbandry:**

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Date- 06/12/2024

**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 27.85°C (-1.76) and 18.57°C (3.4), respectively. The mean relative humidity was 73-76%.

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Rainfall(mm)	0	0	3	8	0
T-Max(°C)	32	31	30	32	29
T-Min(°C)	19	19	20	18	18
Cloud Cover(octa)	0	6	6	6	8
RH Max (%)	94	92	80	83	78
RH Min (%)	34	46	56	51	50
Wind Speed (Kmph)	8	7	10	10	9
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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.
- 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.
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**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:**

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Date- 06/12/2024

**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 27.85°C (-1.76) and 18.57°C (3.4), respectively. The mean relative humidity was 73-76%.

**Forecasted period: Today(8.30IST) to 11<sup>th</sup> December (8.30IST)2024**

**Weather advisory: Very light to light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for other 3 days in the block.** The day temperature will be 30-33°C and night temperature will be 18-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-91% and 35-55% 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	06/12/2024	07/12/2024	08/12/2024	09/12/2024	10/12/2024
Rainfall(mm)	0	0	2	6	0
T-Max(°C)	32	32	30	33	30
T-Min(°C)	20	20	21	18	18
Cloud Cover	0	6	6	6	8
RH Max (%)	91	88	76	79	77
RH Min (%)	35	47	55	48	51
Wind Speed (Kmph)	8	7	9	11	12
Wind Direction (deg)	101	79	122	198	58

**Agromet Advisory**

**General Advisory:**

Due to forecasted low night temperature coupled with fog during upcoming days, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from fog, low temperature and moisture stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables.

**Kharif Rice:**

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. **In early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop before Sunday.** 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.

**Mustard:**

Taking the advantage of available soil moisture, land preparation and sowing of the crop should be started to get optimum yield. **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 4 weeks and also forecasted for upcoming 2-3 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.-542  
Date- 06/12/2024

**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 27.85°C (-1.76) and 18.57°C (3.4), respectively. The mean relative humidity was 73-76%.

**Forecasted period: Today(8.30IST) to 11<sup>th</sup> December (8.30IST)2024**

**Weather advisory:** Very light to light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for other 3 days in the block. The day temperature will be 30-33°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-91% and 36-54% 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)				
	06/12/2024	07/12/2024	08/12/2024	09/12/2024	10/12/2024
Rainfall(mm)	0	0	3	7	0
T-Max(°C)	32	32	30	33	30
T-Min(°C)	19	20	20	18	18
Cloud Cover(octa)	0	6	6	6	8
RH Max (%)	91	89	77	80	78
RH Min (%)	36	45	54	49	51
Wind Speed (Kmph)	8	7	9	10	11
Wind Direction (deg)	101	79	122	63	63

**Agromet Advisory**

**General Advisory:**

Due to forecasted low night temperature coupled with fog during upcoming days, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from fog, low temperature and moisture stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables.

**Kharif Rice:**

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. In early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop before Sunday. 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. 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 4 weeks and also forecasted for upcoming 2-3 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.-542  
Date- 06/12/2024

**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 27.85°C (-1.76) and 18.57°C (3.4), respectively. The mean relative humidity was 73-76%.

**Forecasted period: Today(8.30IST) to 11<sup>th</sup> December (8.30IST)2024**

**Weather advisory:** Very light to light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for other 3 days in the block. The day temperature will be 30-33°C and night temperature will be 19-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-88% and 36-55% 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)				
	06/12/2024	07/12/2024	08/12/2024	09/12/2024	10/12/2024
Rainfall(mm)	0	0	2	6	0
T-Max(°C)	32	31	30	33	30
T-Min(°C)	21	21	21	19	19
Cloud Cover(octa)	0	6	6	6	8
RH Max (%)	88	85	74	76	76
RH Min (%)	36	51	55	47	51
Wind Speed (Kmph)	7	8	8	12	13
Wind Direction (deg)	105	79	122	162	58

**Agromet Advisory**

**General Advisory:**

Due to forecasted low night temperature coupled with fog during upcoming days, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from fog, low temperature and moisture stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables.

**Kharif Rice:**

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. In early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop before Sunday. 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. 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 4 weeks and also forecasted for upcoming 2-3 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.-542**  
**Date- 06/12/2024**

**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 27.85°C (-1.76) and 18.57°C (3.4), respectively. The mean relative humidity was 73-76%.

**Forecasted period: Today(8.30IST) to 11<sup>th</sup> December (8.30IST)2024**

**Weather advisory:** Very light to light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for other 3 days in the block. The day temperature will be and it will be 30-33°C and night temperature will be 18-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-86% and 44-51% 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)				
	06/12/2024	07/12/2024	08/12/2024	09/12/2024	10/12/2024
Rainfall(mm)	0	0	2	6	0
T-Max(°C)	31	32	30	33	30
T-Min(°C)	19	21	21	18	18
Cloud Cover(octal)	0	6	6	7	8
RH Max (%)	86	84	74	78	75
RH Min (%)	44	46	51	48	53
Wind Speed (Kmph)	6	7	8	11	13
Wind Direction (deg)	68	90	118	27	45

**Agromet Advisory**

**General Advisory:**

Due to forecasted low night temperature coupled with fog during upcoming days, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from fog, low temperature and moisture stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables.

**Kharif Rice:**

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. In early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop before Sunday. 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. 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 4 weeks and also forecasted for upcoming 2-3 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.-542  
Date- 06/12/2024

**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 27.85°C (-1.76) and 18.57°C (3.4), respectively. The mean relative humidity was 73-76%.

**Forecasted period: Today(8.30IST) to 11<sup>th</sup> December (8.30IST)2024**

**Weather advisory:** Very light to light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for other 3 days in the block. The day temperature will be 29-32°C and night temperature will be 16-18°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-97% and 34-59% 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	06/12/2024	07/12/2024	08/12/2024	09/12/2024	10/12/2024
Rainfall(mm)	0	0	5	10	0
T-Max(°C)	31	32	30	30	29
T-Min(°C)	16	18	18	18	17
Cloud Cover(octa)	0	5	6	6	8
RH Max (%)	93	97	92	93	83
RH Min (%)	34	38	59	55	51
Wind Speed (Kmph)	6	4	9	6	5
Wind Direction (deg)	349	135	159	75	72

**Agromet Advisory**

**General Advisory:**

Due to forecasted low night temperature coupled with fog during upcoming days, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from fog, low temperature and moisture stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables.

**Kharif Rice:**

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. In early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop before Sunday. 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.

**Mustard:**

Taking the advantage of available soil moisture, land preparation and sowing of the crop should be started to get optimum yield. 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 4 weeks and also forecasted for upcoming 2-3 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.-542**  
**Date- 06/12/2024**

**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 27.85°C (-1.76) and 18.57°C (3.4), respectively. The mean relative humidity was 73-76%.

**Forecasted period: Today(8.30IST) to 11<sup>th</sup> December (8.30IST)2024**

**Weather advisory:** Very light to light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for other 3 days in the block. The day temperature will be 30-32°C and night temperature will be 19-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-86% and 41-56% 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	06/12/2024	07/12/2024	08/12/2024	09/12/2024	10/12/2024
Rainfall(mm)	0	0	2	6	0
T-Max(°C)	32	31	30	32	31
T-Min(°C)	21	21	21	19	19
Cloud Cover(octa)	1	6	6	6	8
RH Max (%)	86	82	71	74	75
RH Min (%)	41	52	56	47	51
Wind Speed(Kmph)	6	8	9	12	13
Wind Direction(deg)	105	135	122	162	58

**Agromet Advisory**

**General Advisory:**

Due to forecasted low night temperature coupled with fog during upcoming days, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from fog, low temperature and moisture stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables.

**Kharif Rice:**

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. In early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop before Sunday. 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. 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 4 weeks and also forecasted for upcoming 2-3 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.-542  
Date- 06/12/2024

**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 27.85°C (-1.76) and 18.57°C (3.4), respectively. The mean relative humidity was 73-76%.

**Forecasted period: Today(8.30IST) to 11<sup>th</sup> December (8.30IST)2024**

**Weather advisory:** Very light to light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for other 3 days in the block. The day temperature will be 30-33°C and night temperature will be 18-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-86% and 43-53% 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	06/12/2024	07/12/2024	08/12/2024	09/12/2024	10/12/2024
Rainfall(mm)	0	0	3	7	0
T-Max(°C)	32	32	30	33	30
T-Min(°C)	19	21	21	18	19
Cloud Cover(octa)	1	6	6	6	8
RH Max (%)	86	84	74	77	74
RH Min (%)	43	47	52	47	53
Wind Speed (Kmph)	6	7	8	11	13
Wind Direction (deg)	113	79	122	27	45

**Agromet Advisory**

**General Advisory:**

Due to forecasted low night temperature coupled with fog during upcoming days, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from fog, low temperature and moisture stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables.

**Kharif Rice:**

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. In early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop before Sunday. 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. 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 4 weeks and also forecasted for upcoming 2-3 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.-542  
Date- 06/12/2024

**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 27.85°C (-1.76) and 18.57°C (3.4), respectively. The mean relative humidity was 73-76%.

**Forecasted period: Today(8.30IST) to 11<sup>th</sup> December (8.30IST)2024**

**Weather advisory:** Very light to light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for other 3 days in the block. The day temperature will be 30-33°C and night temperature will be 18-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-87% and 42-53% 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	06/12/2024	07/12/2024	08/12/2024	09/12/2024	10/12/2024
Rainfall(mm)	0	0	3	7	0
T-Max(°C)	32	32	30	33	30
T-Min(°C)	19	21	21	18	19
Cloud Cover(octa)	0	6	6	6	8
RH Max (%)	87	85	75	78	75
RH Min (%)	42	47	53	48	53
Wind Speed (Kmph)	6	7	8	11	13
Wind Direction (deg)	90	79	118	27	45

**Agromet Advisory**

**General Advisory:**

Due to forecasted low night temperature coupled with fog during upcoming days, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from fog, low temperature and moisture stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables.

**Kharif Rice:**

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. In early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop before Sunday. 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.

**Mustard:**

Taking the advantage of available soil moisture, land preparation and sowing of the crop should be started to get optimum yield. 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 4 weeks and also forecasted for upcoming 2-3 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.-542  
Date- 06/12/2024

**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 27.85°C (-1.76) and 18.57°C (3.4), respectively. The mean relative humidity was 73-76%.

**Forecasted period: Today(8.30IST) to 11<sup>th</sup> December (8.30IST)2024**

**Weather advisory:** Very light to light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for other 3 days in the block. The day temperature will be 29-31°C and night temperature will be 18-21°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-81% and 48-58% 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	06/12/2024	07/12/2024	08/12/2024	09/12/2024	10/12/2024
Rainfall(mm)	0	0	3	8	0
T-Max(°C)	31	29	29	30	29
T-Min(°C)	19	21	21	18	19
Cloud Cover(octa)	1	6	6	6	8
RH Max (%)	81	78	66	73	73
RH Min (%)	53	58	54	48	55
Wind Speed (Kmph)	7	9	10	13	16
Wind Direction (deg)	113	110	117	23	58

**Agromet Advisory**

**General Advisory:**

Due to forecasted low night temperature coupled with fog during upcoming days, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from fog, low temperature and moisture stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables.

**Kharif Rice:**

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. In early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop before Sunday. 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.

**Mustard:**

Taking the advantage of available soil moisture, land preparation and sowing of the crop should be started to get optimum yield. 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 4 weeks and also forecasted for upcoming 2-3 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.-542  
Date- 06/12/2024

**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 27.85°C (-1.76) and 18.57°C (3.4), respectively. The mean relative humidity was 73-76%.

**Forecasted period: Today(8.30IST) to 11<sup>th</sup> December (8.30IST)2024**

**Weather advisory:** Very light to light rainfall is forecasted for Sunday and Monday and dry weather is forecasted for other 3 days in the block. The day temperature will be 29-32°C and night temperature will be 18-20°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-96% and 37-57% 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	06/12/2024	07/12/2024	08/12/2024	09/12/2024	10/12/2024
Rainfall(mm)	0	0	5	10	0
T-Max(°C)	31	31	30	32	29
T-Min(°C)	18	19	20	19	18
Cloud Cover(octa)	0	6	6	6	8
RH Max (%)	96	94	82	86	80
RH Min (%)	37	43	57	52	53
Wind Speed (Kmph)	8	6	10	9	8
Wind Direction (deg)	101	113	148	207	63

**Agro met Advisory**

**General Advisory:**

Due to forecasted low night temperature coupled with fog during upcoming days, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the rabi crops and vegetables, monitor the crops and vegetables, if symptoms are noticed, undertake plant protection measures. Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from fog, low temperature and moisture stress. Carry out weeding, hoeing and other intercultural operations in rabi vegetables.

**Kharif Rice:**

Paddy is at milk dough stage to maturity stage. Drainout filed before 10-15 days of harvesting. In early varieties if panicle turns 85% yellow and matured, then go for harvesting of the crop before Sunday. 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.

**Mustard:**

Taking the advantage of available soil moisture, land preparation and sowing of the crop should be started to get optimum yield. 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 4 weeks and also forecasted for upcoming 2-3 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.-542  
Date- 06/12/2024

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

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

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