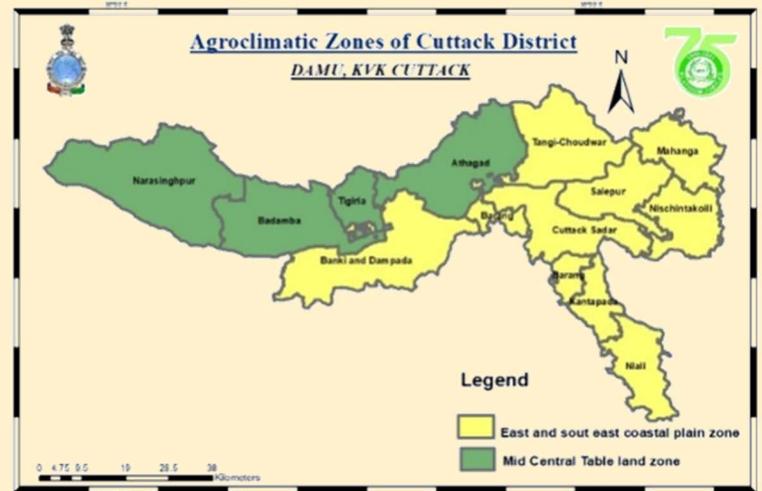




# *Cuttack District Block Wise Agro-met Advisory Service Bulletin*

*Tuesday, 13<sup>th</sup> May, 2025  
 (For the period 13<sup>th</sup> to 17<sup>th</sup> May, 2025)*



*Issued by  
 District Agromet Unit,  
 KrishiVigyan Kendra Cuttack*





**STANDARD PRECIPITATION INDEX AND NDVI MAP**

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)																																							
<div style="text-align: center;"> <p>MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CAUI, CRS PUNE</p> <p><b>STANDARDIZED PRECIPITATION INDEX</b> 10 APRIL TO 07 May 2025</p> <p><b>SPI VALUES</b></p> <table border="1" style="font-size: small;"> <tr><td>0.0 - 0.99 (Extremely Dry)</td><td>0% Dist.</td><td>0% Area</td></tr> <tr><td>1.00 - 1.99 (Very Dry)</td><td>0% Dist.</td><td>0% Area</td></tr> <tr><td>2.00 - 2.99 (Dry)</td><td>0% Dist.</td><td>0% Area</td></tr> <tr><td>3.00 - 3.99 (Moderately Dry)</td><td>0% Dist.</td><td>0% Area</td></tr> <tr><td>4.00 - 4.99 (Moderately Wet)</td><td>0% Dist.</td><td>0% Area</td></tr> <tr><td>5.00 - 5.99 (Very Wet)</td><td>0% Dist.</td><td>0% Area</td></tr> <tr><td>6.00 - 6.99 (Extremely Wet)</td><td>0% Dist.</td><td>0% Area</td></tr> </table> </div>	0.0 - 0.99 (Extremely Dry)	0% Dist.	0% Area	1.00 - 1.99 (Very Dry)	0% Dist.	0% Area	2.00 - 2.99 (Dry)	0% Dist.	0% Area	3.00 - 3.99 (Moderately Dry)	0% Dist.	0% Area	4.00 - 4.99 (Moderately Wet)	0% Dist.	0% Area	5.00 - 5.99 (Very Wet)	0% Dist.	0% Area	6.00 - 6.99 (Extremely Wet)	0% Dist.	0% Area	<div style="text-align: center;"> <p>NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 18 (30.04.2025 to 06.05.2025) over Agricultural region</p> <p><b>Odisha</b></p> <table border="1" style="font-size: small;"> <tr><td>-0.9999 - 0</td><td rowspan="2">Bare soil, rocks clouds, rain, snow, etc.</td></tr> <tr><td>0 - 0.05</td></tr> <tr><td>0.05 - 0.1</td><td rowspan="4">Moderate</td></tr> <tr><td>0.1 - 0.15</td></tr> <tr><td>0.15 - 0.2</td></tr> <tr><td>0.2 - 0.25</td></tr> <tr><td>0.25 - 0.3</td><td rowspan="4">Good</td></tr> <tr><td>0.3 - 0.35</td></tr> <tr><td>0.35 - 0.4</td></tr> <tr><td>0.4 - 0.45</td></tr> <tr><td>0.45 - 0.5</td><td rowspan="3">Very good</td></tr> <tr><td>0.5 - 0.55</td></tr> <tr><td>0.55 - 0.6</td></tr> <tr><td>&gt; 0.6</td></tr> </table> <p>Agriculture vigour is moderate at few places of the state.</p> </div>	-0.9999 - 0	Bare soil, rocks clouds, rain, snow, etc.	0 - 0.05	0.05 - 0.1	Moderate	0.1 - 0.15	0.15 - 0.2	0.2 - 0.25	0.25 - 0.3	Good	0.3 - 0.35	0.35 - 0.4	0.4 - 0.45	0.45 - 0.5	Very good	0.5 - 0.55	0.55 - 0.6	> 0.6
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<p><b>As per SPI value (cumulative 4weeks -10 April to 07 May, 2025), moderately wet condition was there in Cuttack district.</b></p>	<p><b>According to NDVI map (30.04.2025 to 06.05.2025) the agriculture vigor was light to moderate over most places 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



**DrRanjan Kumar Mohanta**  
(Nodal officer)

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**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
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 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



**Bulletin No.-572**  
**Date- 13/05/2025**

**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	Maize	Vegetative to tasseling/silking		Maize stalk rot
				Fall army worm
				Red hairy cattrpillar
2	Tomato	Fruting		Bacterial wilt
				Yellow vein mosaiv(YMV)
3	Okra	Vegetative to fruiting		fusarium and phytopthera
				Cercospera leaf spot
				Late blight
4	Cucurbits	Flowering to Fruiting stage		Downy Mildew
				Leaf spot
				Stem Rot
				Fruit rot



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5	Mango	Fruiting stage		Fruit borer
				Anthracnose



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**Bulletin No.-572**  
**Date- 13/05/2025**

**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38.65°C (+1.33) and 25.68°C (+0.86), respectively. The mean relative humidity was 61-73%.

**Forecasted period: Today(8.30IST) to 18<sup>th</sup> May (8.30IST)2025**

**Weather advisory:** *Very light to light rainfall/thundershower is forecasted for today and tomorrow and dry weather is forecasted for other 3days in the block.* The day temperature will be 37-40°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-85% and 19-33% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	13/05/2025	14/05/2025	15/05/2025	16/05/2025	17/05/2025
Rainfall (mm)	08	05	00	00	00
T-Max (°C)	37	37	40	38	37
T-Min (°C)	27	27	26	25	25
Cloud Cover (octa)	7	4	1	4	5
RH Max (%)	83	75	85	85	80
RH Min (%)	26	27	19	29	33
Wind Speed (kmph)	18	17	17	21	20
Wind Direction (deg)	171	191	163	193	193

**Agromet Advisory**

**General advisory:** *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail in next 3-4 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

**SUMMER PLOUGHING:**

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

**GREEN MANURING:**

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**Summer Maize:**

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm in maize**. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

**Vegetables:** *Vegetables: Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 2days.*

*To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.*

**Okra:** To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

**Cucurbits:** **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:** For control of mango **fruit borer** spray Neem oil 3ml + chloripyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The spraying should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control

**Anthracnose.**

**Animal husbandry:**

**As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.**



**DrRanjan Kumar Mohanta**  
 (Nodal officer)

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**Bulletin No.-572**  
**Date- 13/05/2025**

**AGROMET ADVISORY BULLETIN FOR BADAMBA**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38.65°C (+1.33) and 25.68°C (+0.86), respectively. The mean relative humidity was 61-73%.

**Forecasted period: Today(8.30IST) to 18<sup>th</sup> May (8.30IST)2025**

**Weather advisory** Very light to light rainfall/thundershower is forecasted for today and tomorrow and dry weather is forecasted for other 3 days in the block. The day temperature will be 38-40°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-84% and 20-32% 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)				
	13/05/2025	14/05/2025	15/05/2025	16/05/2025	17/05/2025
Rainfall(mm)	08	05	00	00	00
T-Max(°C)	38	39	40	39	38
T-Min(°C)	26	25	25	24	24
Cloud Cover(octa)	7	4	1	4	5
RH Max (%)	80	74	80	84	79
RH Min (%)	24	26	20	28	32
Wind Speed (Kmph)	15	13	15	18	19
Wind Direction (deg)	162	171	160	180	162

**Agromet Advisory**

**General advisory:** Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail in next 3-4 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

**SUMMER PLOUGHING:**

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

**GREEN MANURING:**

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**Summer Maize:**

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm in maize**. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

**Vegetables:** Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 2 days.

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

**Okra:** To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

**Cucurbits:** Late Blight may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:**

For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraxnose**.

**Animal husbandry:**

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.



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 (Nodal officer)

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**Bulletin No.-572**  
**Date- 13/05/2025**

**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week average weather condition**

The district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38.65°C (+1.33) and 25.68°C (+0.86), respectively. The mean relative humidity was 61-73%.

**Forecasted period: Today(8.30IST) to 18<sup>th</sup> May (8.30IST)2025**

**Weather advisory:** *Very light to light rainfall/thundershower is forecasted for next 5days except Thursday and dry weather is forecasted for Thursday in the block.* The day temperature will be 37-40°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-85% and 20-35% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	13/05/2025	14/05/2025	15/05/2025	16/05/2025	17/05/2025
Rainfall(mm)	08	05	00	01	01
T-Max(°C)	37	38	40	38	37
T-Min(°C)	26	26	25	25	25
Cloud Cover(octa)	7	3	1	4	5
RH Max (%)	82	76	84	85	80
RH Min (%)	27	28	20	30	35
Wind Speed (Kmph)	18	16	17	21	20
Wind Direction (deg)	171	191	171	180	180

**Agromet Advisory**

**General advisory:** *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail in next 3-4 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

**SUMMER PLOUGHING:**

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

**GREEN MANURING:**

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

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**Fruit:**

**Mango:**

For control of mango **fruit borer** spray Neem oil 3ml + chloripyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The spraying should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraxnose**.

**Animal husbandry:**

**As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.**



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 (Nodal officer)

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**Bulletin No.-572**  
**Date- 13/05/2025**

**AGROMET ADVISORY BULLETIN FOR BANKI-DAMPADA**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38.65°C (+1.33) and 25.68°C (+0.86), respectively. The mean relative humidity was 61-73%.

**Forecasted period: Today(8.30IST) to 18<sup>th</sup> May (8.30IST)2025**

**Weather Advisory:** Very light to light rainfall/thundershower is forecasted for next 5 days except Thursday and dry weather is forecasted for Thursday in the block. The day temperature will be 36-40°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-85% and 19-35% 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)				
	13/05/2025	14/05/2025	15/05/2025	16/05/2025	17/05/2025
Rainfall(mm)	08	05	00	01	01
T-Max(°C)	37	38	40	38	36
T-Min(°C)	27	26	25	25	25
Cloud Cover(octa)	7	3	1	4	5
RH Max (%)	82	76	85	85	80
RH Min (%)	27	28	19	30	35
Wind Speed (Kmph)	18	17	17	21	20
Wind Direction (deg)	180	191	171	193	180

**Agromet Advisory**

**General advisory:** Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail in next 3-4 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

**SUMMER PLOUGHING:**

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

**GREEN MANURING:**

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**Summer Maize:**

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm in maize**. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/litre of water.

**Vegetables:Vegetables:** Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 2days.

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

**Okra:** To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

**Cucutbits:** **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:** For control of mango **fruit borer** spray Neem oil 3ml + chloripyriphos 1 ml per litre of water along with stickers at marble stage of the fruit. The spraying should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraxnose**.

**Animal husbandry:**

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.



**DrRanjan Kumar Mohanta**  
 (Nodal officer)

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**Bulletin No.-572**  
**Date- 13/05/2025**

**AGROMET ADVISORY BULLETIN FOR BARANGA**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38.65°C (+1.33) and 25.68°C (+0.86), respectively. The mean relative humidity was 61-73%.

**Forecasted period: Today(8.30IST) to 18<sup>th</sup> May (8.30IST)2025**

**Weather advisory:** *Very light to light rainfall/thundershower is forecasted for next 5days except Thursday and dry weather is forecasted for Thursday in the block.* The day temperature will be 35-38°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-85% and 22-38% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	13/05/2025	14/05/2025	15/05/2025	16/05/2025	17/05/2025
Rainfall(mm)	07	04	00	02	02
T-Max(°C)	37	37	38	37	35
T-Min(°C)	28	28	26	26	27
Cloud Cover	6	4	1	4	4
RH Max (%)	83	76	84	85	79
RH Min (%)	31	29	22	33	38
Wind Speed (Kmph)	19	21	20	22	21
Wind Direction (deg)	193	204	193	201	201

**Agromet Advisory**

**General advisory:** *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail in next 3-4 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

**SUMMER PLOUGHING:**

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

**GREEN MANURING:**

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**Summer Maize:**

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm in maize**. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

**Vegetables:** *Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 2days.*

*To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.*

**Okra:** To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

**Cucurbits:** **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:** For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraxnose**.

**Animal husbandry:** *As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.*



**DrRanjan Kumar Mohanta**  
(Nodal officer)

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**Bulletin No.-572**  
**Date- 13/05/2025**

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38.65°C (+1.33) and 25.68°C (+0.86), respectively. The mean relative humidity was 61-73%.

**Forecasted period: Today(8.30IST) to 18<sup>th</sup> May (8.30IST)2025**

**Weather advisory:** Very light to light rainfall/thundershower is forecasted for next 5 days except Thursday and dry weather is forecasted for Thursday in the block. The day temperature will be 36-38°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-84% and 21-35% 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	13/05/2025	14/05/2025	15/05/2025	16/05/2025	17/05/2025
Rainfall(mm)	08	05	00	02	01
T-Max(°C)	36	37	38	37	36
T-Min(°C)	27	28	27	26	27
Cloud Cover(octa)	7	4	2	3	5
RH Max (%)	83	75	83	84	79
RH Min (%)	29	27	21	31	35
Wind Speed (Kmph)	19	19	19	22	21
Wind Direction (deg)	193	206	198	193	198

**Agromet Advisory**

**General advisory:** Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail in next 3-4 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

**SUMMER PLOUGHING:**

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

**GREEN MANURING:**

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**Summer Maize:**

There may be increase the infestation of Red hairy caterpillar in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of fall army worm in maize. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of Stem rot at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

**Vegetables:** Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 2 days.

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

**Okra:** To control Yellow Vain Mosaic Virus (YVMV) in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre to control rot or soil borne fungal disease. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control Cercospora leaf spot.

**Cucurbits:** Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:** For control of mango fruit borer spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control Anthracnose.

**Animal husbandry:**

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.



**DrRanjan Kumar Mohanta**  
 (Nodal officer)

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**Bulletin No.-572**  
**Date- 13/05/2025**

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38.65°C (+1.33) and 25.68°C (+0.86), respectively. The mean relative humidity was 61-73%.

**Forecasted period: Today(8.30IST) to 18<sup>th</sup> May (8.30IST)2025**

**Weather advisory:** Very light to light rainfall/thundershower is forecasted for next 5days except Thursday and dry weather is forecasted for Thursday in the block. The day temperature will be 34-38°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-84% and 26-43% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	13/05/2025	14/05/2025	15/05/2025	16/05/2025	17/05/2025
Rainfall(mm)	06	03	00	02	02
T-Max(°C)	37	37	38	36	34
T-Min(°C)	28	28	27	27	27
Cloud Cover(octa)	6	4	1	4	4
RH Max (%)	83	77	84	84	79
RH Min (%)	36	32	26	39	43
Wind Speed (Kmph)	19	22	21	22	22
Wind Direction (deg)	193	207	198	203	201

**Agromet Advisory**

**General advisory:** Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail in next 3-4 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

**SUMMER PLOUGHING:**

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

**GREEN MANURING:**

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**Summer Maize:**

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm in maize**. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/litre of water.

**Vegetables:** Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 2days.

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

**Okra:** To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

**Cucurbits:** **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:**

For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraxnose**.

**Animal husbandry:**

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.



**DrRanjan Kumar Mohanta**  
(Nodal officer)

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**Bulletin No.-572**  
**Date- 13/05/2025**

**AGROMET ADVISORY BULLETIN FOR MAHANGA**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38.65°C (+1.33) and 25.68°C (+0.86), respectively. The mean relative humidity was 61-73%.

**Forecasted period: Today(8.30IST) to 18<sup>th</sup> May (8.30IST)2025**

**Weather advisory:** *Very light to light rainfall/thundershower is forecasted for today and tomorrow and dry weather is forecasted for other 3days in the block.* The day temperature will be and it will be 35-38°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-81% and 26-39% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	13/05/2025	14/05/2025	15/05/2025	16/05/2025	17/05/2025
Rainfall(mm)	07	04	00	00	00
T-Max(°C)	37	37	38	37	35
T-Min(°C)	27	28	27	27	27
Cloud Cover(octal)	6	4	2	4	4
RH Max (%)	81	75	81	81	78
RH Min (%)	33	27	26	35	39
Wind Speed (Kmph)	19	19	21	22	22
Wind Direction (deg)	193	207	198	198	198

**Agromet Advisory**

**General advisory:** *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail in next 3-4 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

**SUMMER PLOUGHING:**

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

**GREEN MANURING:**

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**Summer Maize:**

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm in maize**. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/litre of water.

**Vegetables:** *Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 2days.*

*To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.*

**Okra:** To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

**Cucurbits:** **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:**

For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraxnose**.

**Animal husbandry:**

**As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.**



**DrRanjan Kumar Mohanta**  
**(Nodal officer)**

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**Bulletin No.-572**  
**Date- 13/05/2025**

**AGROMET ADVISORY BULLETIN FOR NARASINGHPUR**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38.65°C (+1.33) and 25.68°C (+0.86), respectively. The mean relative humidity was 61-73%.

**Forecasted period: Today(8.30IST) to 18<sup>th</sup> May (8.30IST)2025**

**Weatheradvisory:** Very light to light rainfall/thundershower is forecasted for next 5days except Thursday and dry weather is forecasted for Thursday in the block. The day temperature will be 38-42°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-85% and 19-27% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	13/05/2025	14/05/2025	15/05/2025	16/05/2025	17/05/2025
Rainfall(mm)	08	05	00	01	01
T-Max(°C)	38	41	42	39	39
T-Min(°C)	25	23	25	24	23
Cloud Cover(octa)	6	5	3	4	5
RH Max (%)	79	70	73	85	81
RH Min (%)	21	25	19	25	27
Wind Speed (Kmph)	10	8	10	13	14
Wind Direction (deg)	160	191	160	191	162

**Agromet Advisory**

**General advisory:** Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail in next 3-4 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

**SUMMER PLOUGHING:**

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

**GREEN MANURING:**

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**Summer Maize:**

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm in maize**. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

**Vegetables:** Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 2days.

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

**Okra:** To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

**Cucurbits:** **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:** For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The spraying should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraxnose**.

**Animal husbandry:**

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.



**DrRanjan Kumar Mohanta**  
(Nodal officer)

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**Bulletin No.-572  
Date- 13/05/2025**

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38.65°C (+1.33) and 25.68°C (+0.86), respectively. The mean relative humidity was 61-73%.

**Forecasted period: Today(8.30IST) to 18<sup>th</sup> May (8.30IST)2025**

**Weather advisory:** Very light to light rainfall/thundershower is forecasted for next 5days except Thursday and dry weather is forecasted for Thursday in the block. The day temperature will be 34-38°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-84% and 31-48% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	13/05/2025	14/05/2025	15/05/2025	16/05/2025	17/05/2025
Rainfall(mm)	07	04	00	02	02
T-Max(°C)	36	36	38	35	34
T-Min(°C)	28	28	27	27	27
Cloud Cover(octa)	6	4	2	5	5
RH Max (%)	82	77	84	83	80
RH Min (%)	39	38	31	45	48
Wind Speed(Kmph)	19	22	22	22	22
Wind Direction(deg)	198	207	198	203	201

**Agromet Advisory**

**General advisory:** Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail in next 3-4 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

**SUMMER PLOUGHING:**

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

**GREEN MANURING:**

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**Summer Maize:**

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm in maize**. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

**Vegetables:** Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 2days.

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

**Okra:** To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

**Cucurbits:** **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:** For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraxnose**.

**Animal husbandry:**

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.



**DrRanjan Kumar Mohanta  
(Nodal officer)**

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**Bulletin No.-572**  
**Date- 13/05/2025**

**AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI**  
**District Past week average weather condition and Block past week average Rainfall condition**

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38.65°C (+1.33) and 25.68°C (+0.86), respectively. The mean relative humidity was 61-73%.

**Forecasted period: Today(8.30IST) to 18<sup>th</sup> May (8.30IST)2025**

**Weather advisory:** *Very light to light rainfall/thundershower is forecasted for today and tomorrow and dry weather is forecasted for other 3days in the block.* The day temperature will be 35-38°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-81% and 26-40% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	13/05/2025	14/05/2025	15/05/2025	16/05/2025	17/05/2025
Rainfall(mm)	07	04	00	00	00
T-Max(°C)	37	37	38	36	35
T-Min(°C)	27	28	27	27	27
Cloud Cover(octa)	6	5	2	4	4
RH Max (%)	81	76	81	81	78
RH Min (%)	34	28	26	36	40
Wind Speed (Kmph)	19	20	21	22	22
Wind Direction (deg)	193	207	193	198	198

**Agromet Advisory**

**General advisory:** *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail in next 3-4 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

**SUMMER PLOUGHING:**

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

**GREEN MANURING:**

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**Summer Maize:**

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm in maize**. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

**Vegetables:** *Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 2days.*

*To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.*

**Okra:** To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

**Cucurbits:** **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:**

For control of mango **fruit borer** spray Neem oil 3ml + chloripyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraxnose**.

**Animal husbandry:**

*As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.*



**DrRanjan Kumar Mohanta**  
 (Nodal officer)

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**Bulletin No.-572**  
**Date- 13/05/2025**

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38.65°C (+1.33) and 25.68°C (+0.86), respectively. The mean relative humidity was 61-73%.

**Forecasted period: Today(8.30IST) to 18<sup>th</sup> May (8.30IST)2025**

**Weather advisory:** *Very light to light rainfall/thundershower is forecasted for today and tomorrow and dry weather is forecasted for other 3days in the block.* The day temperature will be 35-38°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-82% and 26-39% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	13/05/2025	14/05/2025	15/05/2025	16/05/2025	17/05/2025
Rainfall(mm)	07	04	00	00	00
T-Max(°C)	37	37	38	36	35
T-Min(°C)	27	28	27	27	27
Cloud Cover(octa)	6	4	2	4	4
RH Max (%)	82	76	82	82	78
RH Min (%)	33	27	26	35	39
Wind Speed (Kmph)	19	20	21	22	22
Wind Direction (deg)	193	207	193	198	198

**Agromet Advisory**

**General advisory:** *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail in next 3-4 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

**SUMMER PLOUGHING:**

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

**GREEN MANURING:**

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**Summer Maize:**

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm in maize**. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

**Vegetables:** *Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 2days.*

*To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.*

**Okra:** To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

**Cucurbits:** **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:**

For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraxnose**.

**Animal husbandry:**

**As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.**



**DrRanjan Kumar Mohanta**  
(Nodal officer)

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**Bulletin No.-572**  
**Date- 13/05/2025**

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38.65°C (+1.33) and 25.68°C (+0.86), respectively. The mean relative humidity was 61-73%.

**Forecasted period: Today(8.30IST) to 18<sup>th</sup> May (8.30IST)2025**

**Weather advisory:** *Very light to light rainfall/thundershower is forecasted for today and tomorrow and dry weather is forecasted for other 3 days in the block.* The day temperature will be 36-40°C and night temperature will be 30-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-83% and 41-56% 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)				
	13/05/2025	14/05/2025	15/05/2025	16/05/2025	17/05/2025
Rainfall(mm)	08	05	00	00	00
T-Max(°C)	38	40	38	37	36
T-Min(°C)	30	31	30	31	30
Cloud Cover(octa)	6	4	2	4	5
RH Max (%)	79	80	83	81	79
RH Min (%)	47	41	45	54	56
Wind Speed (Kmph)	22	23	24	25	24
Wind Direction (deg)	198	203	198	204	198

**Agromet Advisory**

**General advisory:** *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail in next 3-4 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

**SUMMER PLOUGHING:**

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

**GREEN MANURING:**

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre. Apply all the recommended dose of phosphorus of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**Summer Maize:**

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm in maize**. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

**Vegetables:** *Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 2 days.*

*To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.*

**Okra:** To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

**Cucurbits:** **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:**

For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraxnose**.

**Animal husbandry:**

**As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.**



**DrRanjan Kumar Mohanta**  
 (Nodal officer)

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**Bulletin No.-572**  
**Date- 13/05/2025**

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

The block received average 00 mm and district received average 00 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38.65°C (+1.33) and 25.68°C (+0.86), respectively. The mean relative humidity was 61-73%.

**Forecasted period: Today(8.30IST) to 18<sup>th</sup> May (8.30IST)2025**

**Weather advisory:** Very light to light rainfall/thundershower is forecasted for today and tomorrow and dry weather is forecasted for other 3 days in the block. The day temperature will be 37-41°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-85% and 20-32% 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	13/05/2025	14/05/2025	15/05/2025	16/05/2025	17/05/2025
Rainfall(mm)	07	04	00	00	00
T-Max(°C)	37	38	41	39	38
T-Min(°C)	26	26	25	25	25
Cloud Cover(octa)	7	4	1	4	5
RH Max (%)	82	74	83	85	80
RH Min (%)	25	26	20	28	32
Wind Speed (Kmph)	17	15	16	20	20
Wind Direction (deg)	180	171	160	193	167

**Agromet Advisory**

**General advisory:** Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail in next 3-4 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

**SUMMER PLOUGHING:**

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

**GREEN MANURING:**

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

**Summer Maize:**

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm in maize**. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/litre of water.

**Vegetables:** Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 2 days.

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

**Okra:** To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

**Cucurbits:** **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

**Pointed gourd** is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

**Fruit:**

**Mango:** For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraxnose**.

**Animal husbandry:**

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.



**DrRanjan Kumar Mohanta**  
(Nodal officer)

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

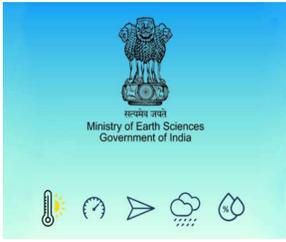
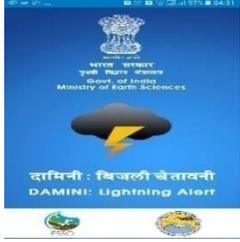
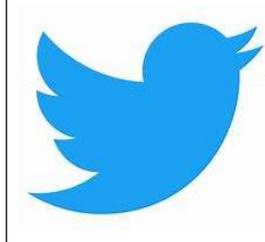




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Bulletin No.-572  
Date- 13/05/2025

				
<b>MEGHDOOT APP</b>	<b>DAMINI APP</b>	<b>FACEBOOK (Damu Cuttack)</b>	<b>BLOCK SPECIFIC WHAT'S APP GROUPS</b>	<b>@DAMUCUTTACK</b>

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

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



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