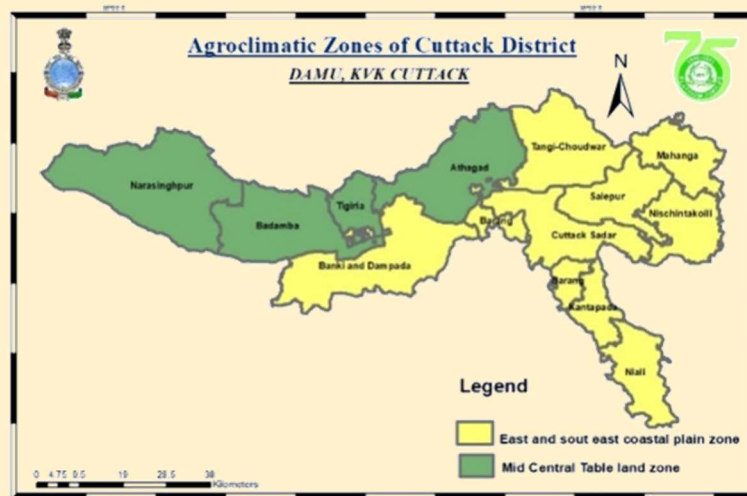




# Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Tuesday, 05<sup>th</sup> August, 2025  
(For the period 05<sup>th</sup> to 09<sup>th</sup> August,  
2025)*



*Issued by  
District Agromet Unit,  
KrishiVigyan Kendra Cuttack*





**GRAMIN KRISHI MAUSAM SEWA**  
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**Bulletin No.-588**  
**Date- 05/08/2025**

**STANDARD PRECIPITATION INDEX AND NDVI MAP**

Standard Precipitation Index (SPI)	Normalized difference vegetation index (NDVI)
<p style="text-align: center;"><b>MINISTRY OF EARTH SCIENCES</b>  <b>INDIA METEOROLOGICAL DEPARTMENT</b>  <b>HYDROMET SECTION, CAUI, CRS PUNE</b></p> <p style="text-align: center;"><b>STANDARDIZED PRECIPITATION INDEX</b>  <b>03 To 30 July 2025</b></p> <p style="text-align: center;"><b>SPI VALUES</b></p> <p style="text-align: center;">-2 to -1 (Extremely Dry) 0% Area  -1.5 to -1 (Moderately Dry) 0% Area  -1 to -0.5 (Moderately Dry) 0% Area  -0.5 to 0 (Moderately Dry) 0% Area  0 to 0.5 (Moderately Wet) 0% Area  0.5 to 1 (Moderately Wet) 0% Area  1 to 1.5 (Moderately Wet) 0% Area  1.5 to 2 (Extremely Wet) 0% Area</p>	<p style="text-align: center;"><b>NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 28</b>  <b>(09.07.2025 to 15.07.2025) over Agricultural region</b></p> <p style="text-align: center;"><b>Odisha</b></p> <p style="text-align: center;">-0.0999 - 0  0 - 0.05  0.05 - 0.1  0.1 - 0.15  0.15 - 0.2  0.2 - 0.25  0.25 - 0.3  0.3 - 0.35  0.35 - 0.4  0.4 - 0.45  0.45 - 0.5  0.5 - 0.55  0.55 - 0.6  &gt; 0.6</p> <p style="text-align: center;">Bare soil, rocks, clouds, rain, snow, etc.  Moderate  Good  Very good</p> <p style="text-align: center;">Agriculture vigour is moderate at few places of the state.</p>
<p><i>As per SPI value (cumulative 4weeks -03 to 30 July, 2025), Mildly dry condition was there in Cuttack district.</i></p>	<p><i>According to NDVI map (09.07.2025 to 15.07.2025) the agriculture vigor was very light to light over most places of Cuttack district.</i></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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**Bulletin No.-588**  
**Date- 05/08/2025**

**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	Rice	Transplanting to vegetative		Sheath blight
				Bacterial leaf blight
				Seedling blight
				Swarming caterpillar
				Leaf folder
2	Sugarcane	Vegetative to Tillering		Weeds
3	Maize	3-5 week stage		Stem fly
				Leaf blight
				Red hairy caterpillar
4	Brinjal, tomato, chilli	seedling		Seedling rot



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

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				<b>Stem rot</b>
5	Tomato and brinjal	Fruting		<b>Bacterial wilt</b>
6	chilli	fruting		<b>Leaf curl</b>
7	okra	Fruting		<b>Fruit and shoot borer</b>
				<b>White fly</b>
				<b>Jassid</b>
8	Pointed gourd			<b>Fruit rot</b>
9	Banana			<b>Sigatoka</b>
10	Papaya			<b>Yellow mosaic virus</b>



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**Bulletin No.-588**  
**Date- 05/08/2025**

**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

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

The block received average 0.3 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C (+0.85) and 25°C (+0.72), respectively. The mean relative humidity was 82-88%.

**Forecasted period: Today(8.30IST) to 10<sup>th</sup> August (8.30IST)2025**

**Weather advisory:** *Moderate rainfall/Thundershower is forecasted for tomorrow and Thursday and very light to light rainfall/Thundershower is forecasted in between other 3days in the block.* The day temperature will be 34-35°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-90% and 57-72% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2025	06/08/2025	07/08/2025	08/08/2025	09/08/2025
Rainfall (mm)	05	25	29	09	05
T-Max (°C)	35	35	34	34	35
T-Min (°C)	26	26	25	25	26
Cloud Cover (octa)	4	5	5	5	4
RH Max (%)	90	90	89	87	89
RH Min (%)	57	60	67	72	66
Wind Speed (kmph)	7	7	5	6	6
Wind Direction (deg)	205	209	210	213	203

**Agromet Advisory**

**General advisory:** *Famers should stop fertilizer and pesticide application and irrigation activities in rainy days and should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between this week as moderate to isolated heavy amount of rain is forecasted for the block in between upcoming 5 days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.*

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Weather based Disease and pest**

- **Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of **seedling blight infestation** in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If **sheath blight** will be found in early transplanted rice due to cloudy weather then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.

**Maize:** After 3-4 weeks of sowing go for top dressing of 35kg urea followed by earthing up. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurance of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac. Now the weather condition prefers occurance of **red hairy caterpillar** in maize, then go for spraying of neem oil 5ml/ltr or chlopyrifos 2ml/ltr water,

**VEGETABLES:** Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.

- **Brinjal , tomato and chilli** seedlings should be planted in the main field. Whenever **sucking pets** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenthiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam @ 0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. if grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



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

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**Bulletin No.-588**  
**Date- 05/08/2025**

**AGROMET ADVISORY BULLETIN FOR BADAMBA**

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

The block received average 0.4 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C (+0.85) and 25°C (+0.72), respectively. The mean relative humidity was 82-88%.

**Forecasted period: Today(8.30IST) to 10<sup>th</sup> August (8.30IST)2025**

**Weather advisory** Moderate rainfall/Thundershower is forecasted for tomorrow and Thursday and very light to light rainfall/Thundershower is forecasted in between other 3days in the block. The day temperature will be 34-35°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 89-91% and 59-73% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2025	06/08/2025	07/08/2025	08/08/2025	09/08/2025
Rainfall(mm)	04	24	28	08	04
T-Max(°C)	35	35	34	34	35
T-Min(°C)	26	26	25	25	26
Cloud Cover(octa)	4	5	5	5	4
RH Max (%)	91	90	90	89	90
RH Min (%)	59	62	66	73	66
Wind Speed (Kmph)	4	4	3	4	3
Wind Direction (deg)	191	209	220	217	207

**Agromet Advisory**

**General advisory:** Farmers should stop fertilizer and pesticide application and irrigation activities in rainy days and should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between this week as moderate to isolated heavy amount of rain is forecasted for the block in between upcoming 5 days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Weather based Disease and pest**

- Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of seedling blight infestation in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If swarming caterpillar found after the rain water recedes, apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If sheath blight will be found in early transplanted rice due to cloudy weather then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.

**Maize:** After 3-4 weeks of sowing go for top dressing of 35kg urea followed by earthing up. Stem fly in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of leaf blight in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac. Now the weather condition prefers occurrence of red hairy caterpillar in maize, then go for spraying of neem oil 5ml/ltr or chlorpyrifos 2ml/ltr water,

**VEGETABLES:**

Due to forecast of rain, Chances of fruit rot infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.

- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever sucking pests incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for Upward and downward leaf curl in chilli. To control spray phosalon (Zolone) 3 ml. or diphenthiuron @ 1g./L of water.
- To control fruit and shoot borer in okra, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water. Present weather condition favours incidence of white fly and jassid. To control this apply Thiomethoxam @ 0.4g/ litre of water.
- Present weather may aggravate fruit rot in pointed gourd, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



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**Bulletin No.-588**  
**Date- 05/08/2025**

**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week average weather condition**

**The and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C (+0.85) and 25°C (+0.72), respectively. The mean relative humidity was 82-88%.**

**Forecasted period: Today(8.30IST) to 10<sup>th</sup> August (8.30IST)2025**

**Weather advisory: Moderate rainfall/Thundershower is forecasted for tomorrow and Thursday and very light to light rainfall/Thundershower is forecasted in between other 3days in the block.** The day temperature will be 34-35°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-89% and 58-70% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2025	06/08/2025	07/08/2025	08/08/2025	09/08/2025
Rainfall(mm)	04	23	27	08	04
T-Max(°C)	35	35	34	34	35
T-Min(°C)	27	26	25	25	26
Cloud Cover(octa)	4	5	5	5	4
RH Max (%)	89	88	89	87	89
RH Min (%)	58	61	65	70	64
Wind Speed (Kmph)	7	7	5	6	5
Wind Direction (deg)	202	205	208	218	201

**Agromet Advisory**

**General advisory: Farmers should stop fertilizer and pesticide application and irrigation activities in rainy days and should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between this week as moderate to isolated heavy amount of rain is forecasted for the block in between upcoming 5 days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.**

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Weather based Disease and pest**

- **Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of seedling blight infestation in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
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**Maize:**

After 3-4 weeks of sowing go for top dressing of 35kg urea followed by earthing up. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of leaf blight in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac. Now the weather condition prefers occurrence of red hairy caterpillar in maize, then go for spraying of neem oil 5ml/ltr or chlorpyrifos 2ml/ltr water,

**VEGETABLES:** Due to forecast of rain, Chances of fruit rot infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.

- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever sucking pests incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.
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**Bulletin No.-588**  
**Date- 05/08/2025**

**AGROMET ADVISORY BULLETIN FOR BANKI-DAMPADA**

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

**The block received average 17 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C (+0.85) and 25°C (+0.72), respectively. The mean relative humidity was 82-88%.**

**Forecasted period: Today(8.30IST) to 10<sup>th</sup> August (8.30IST)2025**

**Weather Advisory:: Moderate rainfall/Thundershower is forecasted for tomorrow and Thursday and very light to light rainfall/Thundershower is forecasted in between other 3days in the block. The day temperature will be 34-35°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-89% and 58-70% respectively. There will be partly cloudy to overcast sky for next 5days.**

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2025	06/08/2025	07/08/2025	08/08/2025	09/08/2025
Rainfall(mm)	04	23	27	08	04
T-Max(°C)	35	35	34	34	35
T-Min(°C)	27	26	25	25	26
Cloud Cover(octa)	4	5	5	5	4
RH Max (%)	89	88	89	87	89
RH Min (%)	58	61	65	70	64
Wind Speed (Kmph)	7	7	5	6	5
Wind Direction (deg)	202	205	208	218	201

**Agromet Advisory**

**General advisory: Farmers should stop fertilizer and pesticide application and irrigation activities in rainy days and should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between this week as moderate to isolated heavy amount of rain is forecasted for the block in between upcoming 5 days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.**

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Weather based Disease and pest**

- **Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of **seedling blight infestation** in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If **swarming caterpillar** found after the rain water recedes, apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If **sheath blight** will be found in early transplanted rice due to cloudy weather then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.

**Maize:**

After 3-4 weeks of sowing go for top dressing of 35kg urea followed by earthing up. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac. Now the weather condition prefers occurrence of **red hairy caterpillar** in maize, then go for spraying of neem oil 5ml/ltr or chlorpyrifos 2ml/ltr water,

**VEGETABLES:** Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.

- **Brinjal, tomato and chilli** seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenthiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam @ 0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



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

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**Bulletin No.-588**  
**Date- 05/08/2025**

**AGROMET ADVISORY BULLETIN FOR BARANGA**

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

The block received average 02 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C (+0.85) and 25°C (+0.72), respectively. The mean relative humidity was 82-88%.

**Forecasted period: Today(8.30IST) to 10<sup>th</sup> August (8.30IST)2025**

**Weather advisory:** Moderate rainfall/Thundershower is forecasted for tomorrow and Thursday and very light to light rainfall/Thundershower is forecasted in between other 3 days in the block. The day temperature will be 34-35°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-90% and 57-70% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2025	06/08/2025	07/08/2025	08/08/2025	09/08/2025
Rainfall(mm)	03	22	26	07	04
T-Max(°C)	35	35	34	34	35
T-Min(°C)	27	26	25	25	26
Cloud Cover	4	5	5	5	4
RH Max (%)	90	89	88	86	89
RH Min (%)	57	61	66	70	65
Wind Speed (Kmph)	8	10	8	8	7
Wind Direction (deg)	207	211	209	214	204

**Agromet Advisory**

**General advisory:** Farmers should stop fertilizer and pesticide application and irrigation activities in rainy days and should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between this week as moderate to isolated heavy amount of rain is forecasted for the block in between upcoming 5 days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Weather based Disease and pest**

- Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of seedling blight infestation in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If swarming caterpillar found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If sheath blight will be found in early transplanted rice due to cloudy weather then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.

**Maize:**

After 3-4 weeks of sowing go for top dressing of 35kg urea followed by earthing up. Stem fly in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of leaf blight in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac. Now the weather condition prefers occurrence of red hairy caterpillar in maize, then go for spraying of neem oil 5ml/ltr or chlorpyrifos 2ml/ltr water,

**VEGETABLES:** Due to forecast of rain, Chances of fruit rot infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.

- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever sucking pests incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for Upward and downward leafcurl in chilli. To control spray phosalon (Zolone) 3 ml. or diphenthiuron @ 1g./L of water.
- To control fruit and shoot borer in okra, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water. Present weather condition favours incidence of white fly and jassid. To control this apply Thiomethoxam @ 0.4g/ litre of water.
- Present weather may aggravate fruit rot in pointed gourd, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



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**(Nodal officer)**

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**Bulletin No.-588**  
**Date- 05/08/2025**

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

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

The block received average 03 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C (+0.85) and 25°C (+0.72), respectively. The mean relative humidity was 82-88%.

**Forecasted period: Today(8.30IST) to 10<sup>th</sup> August (8.30IST)2025**

**Weather advisory:** *Moderate rainfall/Thundershower is forecasted for tomorrow and Thursday and very light to light rainfall/Thundershower is forecasted in between other 3days in the block.* The day temperature will be 34-35°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-90% and 55-69% respectively. There will be partly cloudy to overcast sky for next 5days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2025	06/08/2025	07/08/2025	08/08/2025	09/08/2025
Rainfall(mm)	04	25	29	09	05
T-Max(°C)	34	34	34	34	35
T-Min(°C)	26	26	25	25	26
Cloud Cover(octa)	4	5	5	5	4
RH Max (%)	89	90	89	86	88
RH Min (%)	55	59	66	69	64
Wind Speed (Kmph)	8	10	8	7	7
Wind Direction (deg)	209	215	207	217	203

**Agromet Advisory**

**General advisory:**

*Farmers should stop fertilizer and pesticide application and irrigation activities in rainy days and should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between this week as moderate to isolated heavy amount of rain is forecasted for the block in between upcoming 5 days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.*

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Weather based Disease and pest**

- Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of **seedling blight infestation** in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If **swarming caterpillar** found after the rain water recedes, apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If **sheath blight** will be found in early transplanted rice due to cloudy weather then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.

**Sugarcane:**

As maximum sugarcane is seedling to tillering stage then go for irrigation in 7-12 days interval based upon forecast of rain. Weeding and earthing up should be done in this time after that Top dressing of Urea @ 30 kg/acre for 30-60 days old sugarcane plant. To control dicot weeds farmers may go for spraying of pre emergence herbicide atrazine @ 0.8-2kg/acre of moist field.

**VEGETABLES:** Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.

- Brinjal, tomato and chilli** seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenthiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam @ 0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

**ANIMAL HUSBANDRY:**

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



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**(Nodal officer)**

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**Bulletin No.-588**  
**Date- 05/08/2025**

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

**The block received average 15 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C (+0.85) and 25°C (+0.72), respectively. The mean relative humidity was 82-88%.**

**Forecasted period: Today(8.30IST) to 10<sup>th</sup> August (8.30IST)2025**

**Weather advisory: Moderate rainfall/Thundershower is forecasted for tomorrow and Thursday and very light to light rainfall/Thundershower is forecasted in between other 3days in the block.** The day temperature will be 34-35°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-88% and 55-66% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2025	06/08/2025	07/08/2025	08/08/2025	09/08/2025
Rainfall(mm)	03	21	25	07	04
T-Max(°C)	35	35	34	34	35
T-Min(°C)	27	26	26	25	26
Cloud Cover(octa)	4	5	5	5	4
RH Max (%)	88	87	87	83	87
RH Min (%)	55	61	64	66	62
Wind Speed (Kmph)	10	12	12	10	9
Wind Direction (deg)	209	214	205	214	204

**Agromet Advisory**

**General advisory:**

**Farmers should stop fertilizer and pesticide application and irrigation activities in rainy days and should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between this week as moderate to isolated heavy amount of rain is forecasted for the block in between upcoming 5 days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.**

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Weather based Disease and pest**

- Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of **seedling blight infestation** in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If **sheath blight** will be found in early transplanted rice due to cloudy weather then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.

**Sugarcane:**

As maximum sugarcane is seedling to tillering stage then go for irrigation in 7-12 days interval based upon forecast of rain. Weeding and earthing up should be done in this time after that Top dressing of Urea @ 30 kg/acre for 30-60 days old sugarcane plant. To control dicot weeds farmers may go for spraying of pre emergence herbicide atrazine @ 0.8-2kg/acre of moist field.

**VEGETABLES:** Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.

- Brinjal, tomato and chilli** seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g, per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenthiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam @ 0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

**ANIMAL HUSBANDRY:**

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



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**Bulletin No.-588**  
**Date- 05/08/2025**

**AGROMET ADVISORY BULLETIN FOR MAHANGA**

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

**The block received average 09 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C (+0.85) and 25°C (+0.72), respectively. The mean relative humidity was 82-88%.**

**Forecasted period: Today(8.30IST) to 10<sup>th</sup> August (8.30IST)2025**

**Weather advisory: Moderate rainfall/Thundershower is forecasted for tomorrow and Thursday and very light to light rainfall/Thundershower is forecasted in between other 3days in the block.** The day temperature will be and it will be 34-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-89% and 54-65% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Mahanga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2025	06/08/2025	07/08/2025	08/08/2025	09/08/2025
Rainfall(mm)	04	25	29	09	05
T-Max(°C)	35	34	34	34	34
T-Min(°C)	27	27	26	26	27
Cloud Cover(octal)	4	5	5	5	4
RH Max (%)	88	89	88	86	87
RH Min (%)	54	57	65	65	62
Wind Speed (Kmph)	9	11	11	9	9
Wind Direction (deg)	213	218	210	220	204

**Agromet Advisory**

**General advisory:**

**Farmers should stop fertilizer and pesticide application and irrigation activities in rainy days and should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between this week as moderate to isolated heavy amount of rain is forecasted for the block in between upcoming 5 days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.**

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Weather based Disease and pest**

- **Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of seedling blight infestation in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If swarming caterpillar found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If sheath blight will be found in early transplanted rice due to cloudy weather then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.

**Sugarcane:**

As maximum sugarcane is seedling to tillering stage then go for irrigation in 7-12 days interval based upon forecast of rain. Weeding and earthing up should be done in this time after that Top dressing of Urea @30 kg/acre for 30-60 days old sugarcane plant. To control dicot weeds farmers may go for spraying of pre emergence herbicide atrazine @0.8-2kg/acre of moist field.

**VEGETABLES:** Due to forecast of rain, Chances of fruit rot infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.

- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever sucking pests incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for Upward and downward leafcurl in chilli. To control spray phosalon (Zolone) 3 ml. or diphenthiuron @ 1g./L of water.
- To control fruit and shoot borer in okra, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of white fly and jassid. To control this apply Thiomethoxam @0.4g/ litre of water.
- Present weather may aggravate fruit rot in pointed gourd, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

**ANIMAL HUSBANDRY:**

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



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**Bulletin No.-588**  
**Date- 05/08/2025**

**AGROMET ADVISORY BULLETIN FOR NARASINGHPUR**

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

The block received average 06 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C (+0.85) and 25°C (+0.72), respectively. The mean relative humidity was 82-88%.

**Forecasted period: Today(8.30IST) to 10<sup>th</sup> August (8.30IST)2025**

**Weather advisory:** Moderate rainfall/Thundershower is forecasted for tomorrow and Thursday and very light to light rainfall/Thundershower is forecasted in between other 3 days in the block. The day temperature will be 34-35°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 91-92% and 57-75% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2025	06/08/2025	07/08/2025	08/08/2025	09/08/2025
Rainfall(mm)	05	25	29	09	05
T-Max(°C)	35	35	34	34	35
T-Min(°C)	26	26	25	25	26
Cloud Cover(octa)	4	5	5	5	4
RH Max (%)	92	91	91	91	92
RH Min (%)	57	61	67	75	66
Wind Speed (Kmph)	3	2	1	1	2
Wind Direction (deg)	172	211	236	214	194

**Agromet Advisory**

**General advisory:** Farmers should stop fertilizer and pesticide application and irrigation activities in rainy days and should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between this week as moderate to isolated heavy amount of rain is forecasted for the block in between upcoming 5 days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Weather based Disease and pest**

- Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of seedling blight infestation in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If swarming caterpillar found after the rain water recedes, apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If sheath blight will be found in early transplanted rice due to cloudy weather then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.

**Maize:**

After 3-4 weeks of sowing go for top dressing of 35kg urea followed by earthing up. Stem fly in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of leaf blight in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac. Now the weather condition prefers occurrence of red hairy caterpillar in maize, then go for spraying of neem oil 5ml/ltr or chlorpyrifos 2ml/ltr water,

**VEGETABLES:** Due to forecast of rain, Chances of fruit rot infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.

- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever sucking pests incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for Upward and downward leafcurl in chilli. To control spray phosalon (Zolone) 3 ml. or diphenthiuron @ 1g./L of water.
- To control fruit and shoot borer in okra, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water. Present weather condition favours incidence of white fly and jassid. To control this apply Thiomethoxam @ 0.4g/ litre of water.
- Present weather may aggravate fruit rot in pointed gourd, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



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

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**Bulletin No.-588**  
**Date- 05/08/2025**

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

**The block received average 13 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C (+0.85) and 25°C (+0.72), respectively. The mean relative humidity was 82-88%.**

**Forecasted period: Today(8.30IST) to 10<sup>th</sup> August (8.30IST)2025**

**Weather advisory: Moderate rainfall/Thundershower is forecasted for tomorrow and Thursday and very light to light rainfall/Thundershower is forecasted in between other 3days in the block.** The day temperature will be 34-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-87% and 57-64% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	<b>Niali(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)</b>				
Date	05/08/2025	06/08/2025	07/08/2025	08/08/2025	09/08/2025
Rainfall(mm)	03	22	25	08	05
T-Max(°C)	35	35	34	34	35
T-Min(°C)	27	27	26	26	26
Cloud Cover(octa)	4	5	5	5	3
RH Max (%)	87	86	86	83	87
RH Min (%)	57	62	63	64	63
Wind Speed(Kmph)	11	13	13	11	10
Wind Direction(deg)	211	217	211	217	207

**Agromet Advisory**

**General advisory:**

**Farmers should stop fertilizer and pesticide application and irrigation activities in rainy days and should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between this week as moderate to isolated heavy amount of rain is forecasted for the block in between upcoming 5 days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.**

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Weather based Disease and pest**

- Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of **seedling blight infestation** in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If **sheath blight** will be found in early transplanted rice due to cloudy weather then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.

**Sugarcane:**

As maximum sugarcane is seedling to tillering stage then go for irrigation in 7-12 days interval based upon forecast of rain. Weeding and earthing up should be done in this time after that Top dressing of Urea @30 kg/acre for 30-60 days old sugarcane plant. To control dicot weeds farmers may go for spraying of pre emergence herbicide atrazine @0.8-2kg/acre of moist field.

**VEGETABLES:** Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.

- Brinjal , tomato and chilli** seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenthiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam @ 0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

**ANIMAL HUSBANDRY:**

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. if grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



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**Bulletin No.-588**  
**Date- 05/08/2025**

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

**The block received average 16 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C (+0.85) and 25°C (+0.72), respectively. The mean relative humidity was 82-88%.**

**Forecasted period: Today(8.30IST) to 10<sup>th</sup> August (8.30IST)2025**

**Weather advisory:** *Moderate rainfall/Thundershower is forecasted for tomorrow and Thursday and very light to light rainfall/Thundershower is forecasted in between other 3 days in the block.* The day temperature will be 34-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-89% and 55-65% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2025	06/08/2025	07/08/2025	08/08/2025	09/08/2025
Rainfall(mm)	03	25	29	09	04
T-Max(°C)	35	35	34	34	35
T-Min(°C)	27	27	26	26	26
Cloud Cover(octa)	4	5	5	5	4
RH Max (%)	88	89	88	85	87
RH Min (%)	55	58	65	65	62
Wind Speed (Kmph)	9	11	11	9	9
Wind Direction (deg)	215	217	211	217	204

**Agromet Advisory**

**General advisory:**

*Farmers should stop fertilizer and pesticide application and irrigation activities in rainy days and should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between this week as moderate to isolated heavy amount of rain is forecasted for the block in between upcoming 5 days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.*

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Weather based Disease and pest**

- Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of **seedling blight infestation** in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If **sheath blight** will be found in early transplanted rice due to cloudy weather then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.

**Sugarcane:**

As maximum sugarcane is seedling to tillering stage then go for irrigation in 7-12 days interval based upon forecast of rain. Weeding and earthing up should be done in this time after that Top dressing of Urea @ 30 kg/acre for 30-60 days old sugarcane plant. To control dicot weeds farmers may go for spraying of pre emergence herbicide atrazine @ 0.8-2kg/acre of moist field.

**VEGETABLES:** Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.

- Brinjal, tomato and chilli** seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenthiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam @ 0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

**ANIMAL HUSBANDRY:**

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



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**Bulletin No.-588**  
**Date- 05/08/2025**

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

**The block received average 12 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C (+0.85) and 25°C (+0.72), respectively. The mean relative humidity was 82-88%.**

**Forecasted period: Today(8.30IST) to 10<sup>th</sup> August (8.30IST)2025**

**Weather advisory: Moderate rainfall/Thundershower is forecasted for tomorrow and Thursday and very light to light rainfall/Thundershower is forecasted in between other 3days in the block.** The day temperature will be 34-35°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-89% and 54-66% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2025	06/08/2025	07/08/2025	08/08/2025	09/08/2025
Rainfall(mm)	03	24	28	08	04
T-Max(°C)	34	34	34	34	35
T-Min(°C)	26	26	25	25	26
Cloud Cover(octa)	4	5	5	5	4
RH Max (%)	88	89	88	85	87
RH Min (%)	54	58	65	66	62
Wind Speed (Kmph)	9	11	11	9	8
Wind Direction (deg)	213	217	210	216	205

**Agromet Advisory**

**General advisory:**

**Farmers should stop fertilizer and pesticide application and irrigation activities in rainy days and should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between this week as moderate to isolated heavy amount of rain is forecasted for the block in between upcoming 5 days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.**

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Weather based Disease and pest**

- Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of **seedling blight infestation** in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If **swarming caterpillar** found after the rain water recedes, apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If **sheath blight** will be found in early transplanted rice due to cloudy weather then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.

**Jute:** After rain in vegetative stage to control stem rot of jute, spray copper oxychloride @ 3-4 gram/litre of water. Farmers should be alert about the initial infestation of hairy caterpillar, grey weevils and yellow mites after rain when the temperature raises with high humidity. Control: i) Spray Lambda Cyhalothrin 5EC @ 1ml/lit or Indoxacarb 14.5 SC @ 1.0 ml/litre in extreme cases of hairy caterpillar. Spray combination of (Chlorpyrifos 50 EC + Cypermethrin 5 EC) @ 1-1.5 ml/l or Chlorpyrifos 20 EC @ 2ml/litre or Quinalphos 25 EC @ 1.25 ml/litre to control grey weevils. To control yellow mite spray Fenpyroximate @ 25ml/15lit water with sticker and repeat the same in consequent next 14 days.

**VEGETABLES:** Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.

- Brinjal, tomato and chilli** seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenthiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam @ 0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. If grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



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**Bulletin No.-588**  
**Date- 05/08/2025**

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

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

**The block received average 19 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C (+0.85) and 25°C (+0.72), respectively. The mean relative humidity was 82-88%.**

**Forecasted period: Today(8.30IST) to 10<sup>th</sup> August (8.30IST)2025**

**Weatheradvisory:** *Moderate rainfall/Thundershower is forecasted for tomorrow and Thursday and very light to light rainfall/Thundershower is forecasted in between other 3days in the block.* The day temperature will be 34-35°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-87% and 61-68% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Tangi-Choudwar(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2025	06/08/2025	07/08/2025	08/08/2025	09/08/2025
Rainfall(mm)	05	25	29	09	05
T-Max(°C)	34	34	34	34	35
T-Min(°C)	26	26	25	25	26
Cloud Cover(octa)	4	5	5	5	4
RH Max (%)	85	87	85	83	85
RH Min (%)	61	65	68	66	67
Wind Speed (Kmph)	13	16	17	14	14
Wind Direction (deg)	218	224	219	223	209

**Agromet Advisory**

**General advisory:** *Famers should stop fertilizer and pesticide application and irrigation activities in rainy days and should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between this week as moderate to isolated heavy amount of rain is forecasted for the block in between upcoming 5 days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.*

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Weather based Disease and pest**

- **Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of **seedling blight infestation** in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If **swarming caterpillar** found after the rain water recedes, apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If **sheath blight** will be found in early transplanted rice due to cloudy weather then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.

**Maize:**

After 3-4 weeks of sowing go for top dressing of 35kg urea followed by earthing up. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurance of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac. Now the weather condition prefers occurance of **red hairy caterpillar** in maize, then go for spraying of neem oil 5ml/ltr or chlropyriphos 2ml/ltr water,

**VEGETABLES:** Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.

- **Brinjal , tomato and chilli** seedlings should be planted in the main field. Whenever **sucking pets** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenthiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam @ 0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

**ANIMAL HUSBANDRY:** Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. Fresh and immature leaves should not to be fed more amount as they may cause diarrhea. if grasses were cut in morning or evening time, it can be sun dried for about 30 minute before feeding.



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

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**APP for Lightening alert in your area**







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**Bulletin No.-588**  
**Date- 05/08/2025**

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

The block received average 01 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C (+0.85) and 25°C (+0.72), respectively. The mean relative humidity was 82-88%.

**Forecasted period: Today(8.30IST) to 10<sup>th</sup> August (8.30IST)2025**

**Weather advisory:** Moderate rainfall/Thundershower is forecasted for tomorrow and Thursday and very light to light rainfall/Thundershower is forecasted in between other 3 days in the block. The day temperature will be 34-35°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-90% and 58-74% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/08/2025	06/08/2025	07/08/2025	08/08/2025	09/08/2025
Rainfall(mm)	03	23	27	08	04
T-Max(°C)	35	35	34	34	35
T-Min(°C)	26	26	25	25	26
Cloud Cover(octa)	4	5	5	5	4
RH Max (%)	90	90	90	88	90
RH Min (%)	58	61	67	74	66
Wind Speed (Kmph)	5	6	4	5	4
Wind Direction (deg)	196	203	214	214	200

**Agromet Advisory**

**General advisory:** Farmers should stop fertilizer and pesticide application and irrigation activities in rainy days and should drain out excess water from vegetable and rice nurseries and should complete their beushaning and transplanting of paddy in between this week as moderate to isolated heavy amount of rain is forecasted for the block in between upcoming 5 days. As humidity will likely to above 80% and rainy day condition, there will be chances of disease and pest infestation mainly sheath blight, blight, foot rot and swarming caterpillar, leaf folder in rice.

**Kharif Rice:**

In direct seeded rice go for beushaning and apply urea @ 35kg/acre. Keep the field saturated and do not allow water to go out of the field for 2-3 days. Transplanting should be completed by first fortnight of this month @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting. To reduce incidence of brown plant hopper skip 1 row after 8-10 rows during transplanting. Problem of weeds may aggravate after transplanting, apply Bensulfuron methyl 0.6% + Pretilachlor 6% GR with sand mix at 1:1 ratio @ 4 kg/acre within 3-7 days after transplanting for controlling weeds.

**Weather based Disease and pest**

- **Bacterial blight** can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
- Chances of seedling blight infestation in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
- In early transplanted/direct sown crop, chance for leaf folder infestation due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water or Fipronil 5% SC @ 2 ml/litre of water in sunny days.
- If swarming caterpillar found after the rain water recedes, apply chlorpyrifos @ 2ml/ltr of water to root zone in afternoon hour.
- If sheath blight will be found in early transplanted rice due to cloudy weather then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.

**Maize:**

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**VEGETABLES:** Due to forecast of rain, Chances of fruit rot infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.

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<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).

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



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