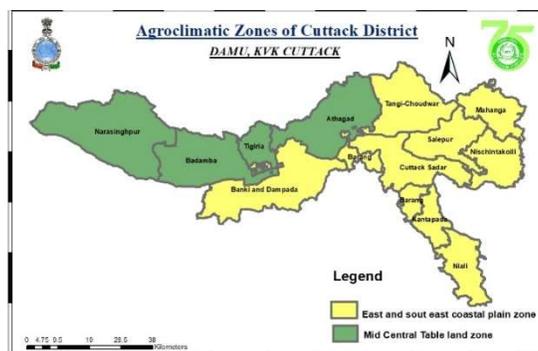
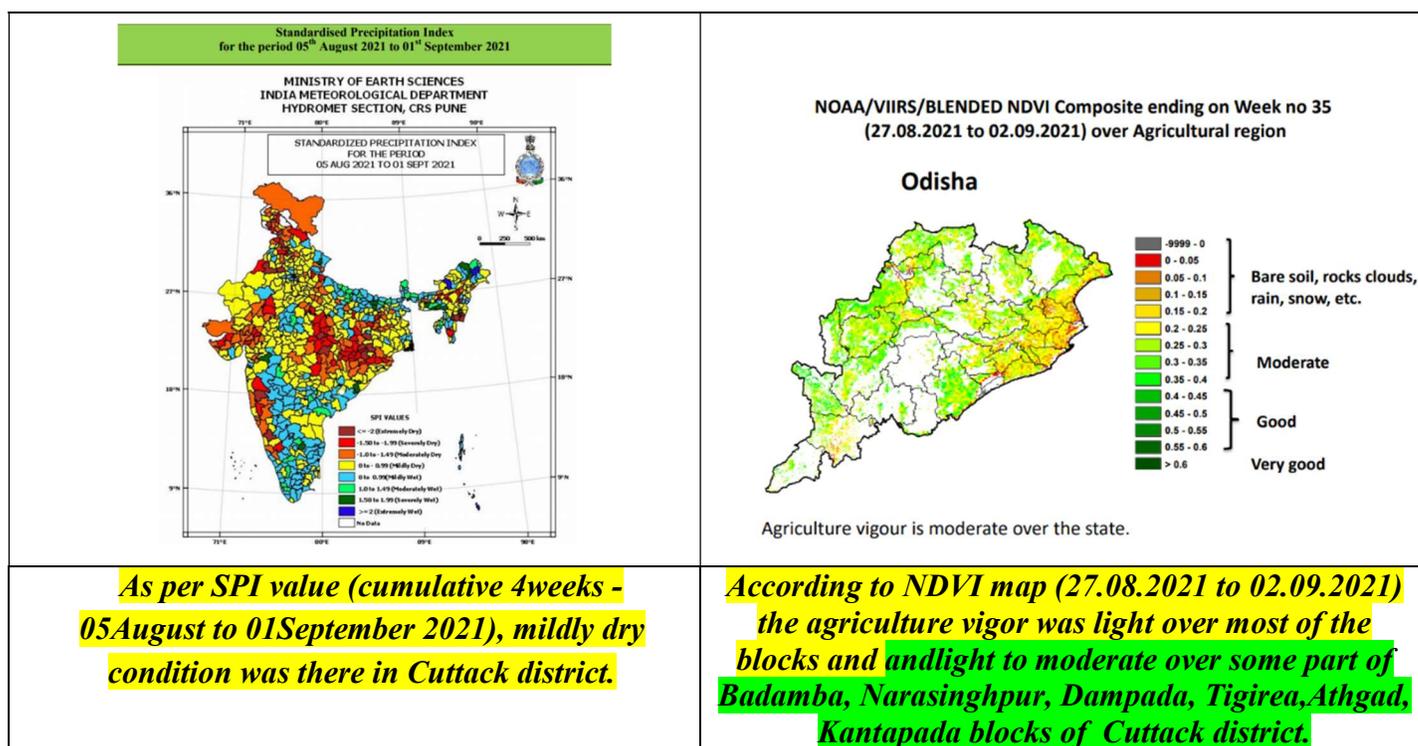




## AGROCLIMATIC ZONES OF CUTTACK DISTRICT:



## STANDARD PRECIPITATION INDEX AND NDVI MAP



<b>LEGEND (Medium range block level rainfall forecast)</b>		
	No Rainfall	00 mm
	Very light rainfall	01-05 mm
	Light rainfall	06-10 mm
	Light to moderate rainfall	11-30 mm
	Moderate to heavy rainfall	31-65 mm
	Heavy to very heavy rainfall	66-115 mm
	Extremely heavy rainfall	>116 mm



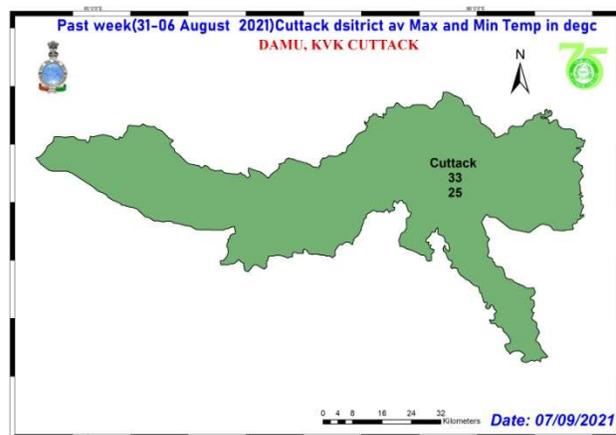
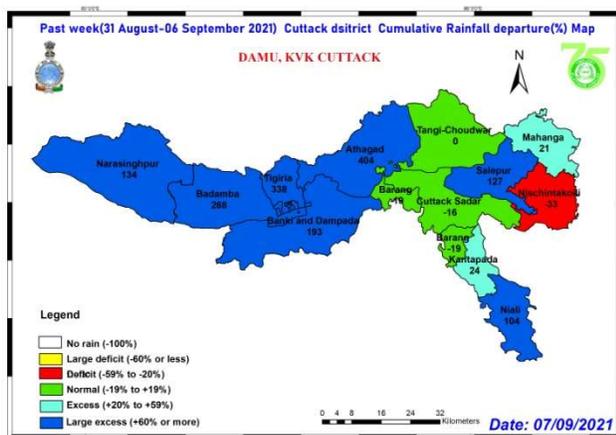


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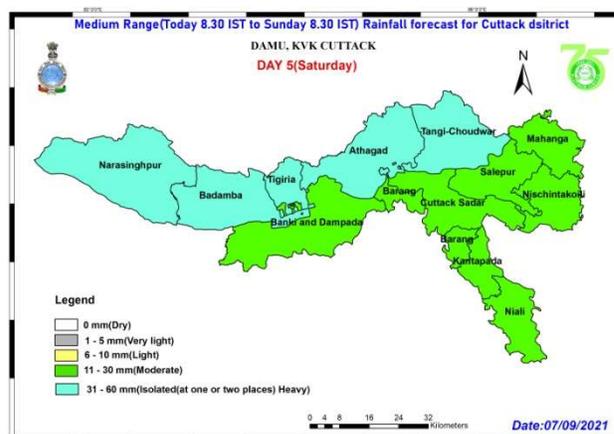
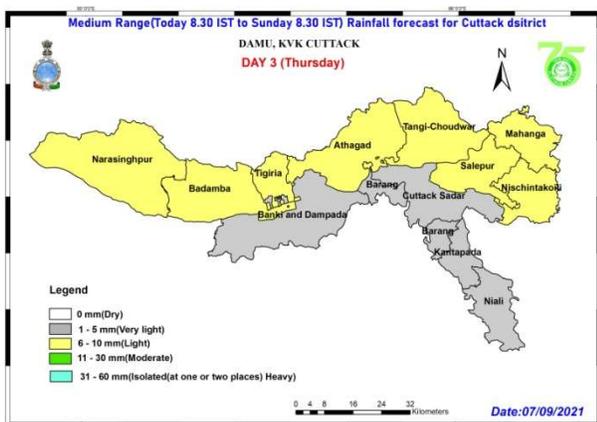
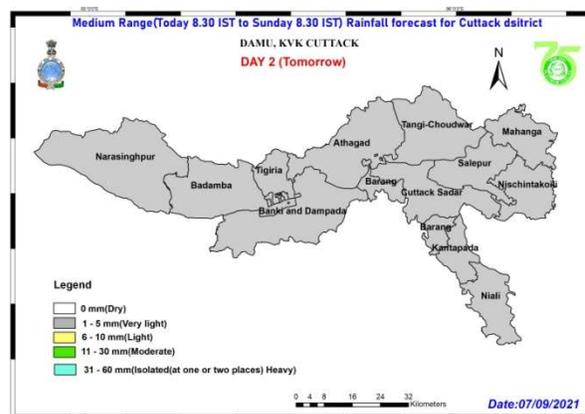
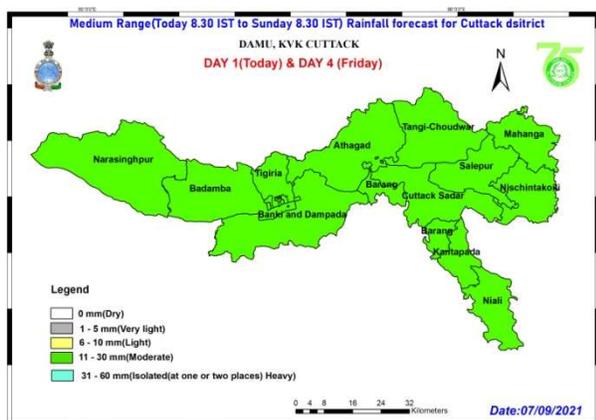


Bulletin No.-226  
Date- 07/09/2021

**Past week (31 August-06 September 2021) Cuttack district Cumulative Rainfall departure (%) and average Temperature map**



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



Dr Sujata Sethy  
(Nodal officer)



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Bulletin No.-226  
Date- 07/09/2021

**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	Tillering	 Sheath blight
			 Bacterial leaf blight
			 Leaf folder
			 Sawrming caterpillar
			 Stem borer
			 Blast
2	Sugarcane	4-5 month old	 Red rot
			 Early shoot borer
3	Maize	6-7 week stage	 Fall army worm
4	Brinjal, tomoto, chilli	seedling	 Seedling rot

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(Nodal officer)



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**Bulletin No.-226**  
**Date- 07/09/2021**

				<b>Stem rot</b>
<b>5</b>	<b>Tomato and brinjal</b>	<b>Fruting</b>		<b>Bacterial wilt</b>
<b>6</b>	<b>Pointed gourd</b>			<b>Fruit rot</b>
<b>7</b>	<b>Pumpkin(Cucurbits)</b>	<b>Flowering to fruting</b>		<b>Stem and root rot</b>

**Dr Sujata Sethy**  
 (Nodal officer)



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Met Sub division	Extended range outlook for subsequent 1 week (6 <sup>th</sup> to 12 <sup>th</sup> days) (12 <sup>th</sup> -18 <sup>th</sup> September 2021)		
<b>Odisha</b>	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	47.62	Above Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	-0.68	Normal
	Minimum temperature	0.11	Normal

**General Agromet Advisory-:** There will be above normal rainfall in subsequent week after 5 days (12 -18 September 2021) in Odisha condition, and there will be light to moderate with isolated heavy rainfall is forecasted for upcoming 5 days farmers are advised to drain out excess water from the field in the subsequent week and should conserve water(2-3cm) in the field in tillering stage. They are advised to vigil the rice filed for monitoring of disease pest like sheath blight, root rot, blast and swarming caterpillar, stem borer, BPH.

**South-west Monsoon rainfall forecast for for the month of September ,2021**

- The spatial distribution of probabilistic forecasts for the tercile categories (above normal, normal and below normal) for the September rainfall is shown in below figure. The spatial distribution suggests that also above normal rainfall is likely over many parts of north Odisha.
- Hence Farmers should manage the crop and irrigation management depending upon the land type, irrigation facility for transplanting of kharif rice.

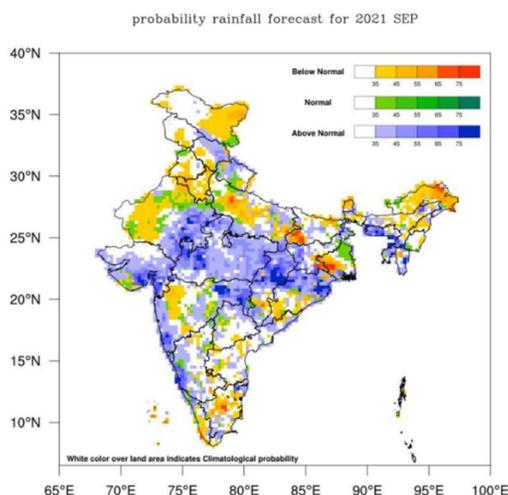


Fig.1. Probability forecast of tercile categories (below normal, normal, and above normal) for the rainfall over India during September 2021. The figure illustrates the most likely categories as well as their probabilities. The white shaded areas within the land area represent climatological probabilities. The probabilities were derived using the MME forecast prepared from a group of coupled climate models. (Tercile categories have equal climatological probabilities of 33.33% each).





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**Bulletin No.-226**  
**Date- 07/09/2021**

**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

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

**The block received average 19mm and district received average 16mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 85-81%.

**Forecasted period: Today(8.30IST) to 12<sup>th</sup>September (8.30IST)2021**

**Weather advisory: Isolated heavy rainfall is forecasted for Saturday and moderate rainfall is forecasted for today, Friday and very light to light rainfall is forecasted for other 2 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.** The day temperature will be 30-31°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-94% and 54-72% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/09/2021	09/09/2021	10/09/2021	11/09/2021	12/09/2021
Rainfall (mm)	13	3	10	17	35
T-Max (°C)	30	32	33	32	31
T-Min (°C)	25	26	26	25	26
Cloud Cover (octa)	8	8	8	8	8
RH Max (%)	94	87	87	88	87
RH Min (%)	72	58	54	66	65
Wind Speed (kmph)	12	9	9	9	8
Wind Direction (deg)	159	195	285	291	270

**Agromet Advisory**

• **General advisory:** Farmers should stop fertilizer, pesticide application and irrigation activities from Friday onwards. Drain out excess water in standing rice crop as there was isolated moderate to heavy rainfall realized in past week and is forecasted in Saturday. By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.

• **Kharif rice:**

The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre). 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. Due to soil moisture saturation farmers may prefer chemical weeding.

**Weather based Disease and pest of rice**

• **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. After transplanting if it will happen, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

• Due to stagnation of water in the field and high relative humidity in future **Sheathblight - Fungal disease** is common. Excess Nitrogen fertilizer application can accelerate this disease. **If sheath blight will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.** Bio fungicide like Trichoderma, Pseudomonas Fluorescens is also good.

• 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 Also there may be increase in incidence of **swarming caterpillar** after sunny days followed by heavy rainfall. To control this apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. **Present cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast disease** spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.

• **Maize:**

Do not keep the stagnant water as it is raining. Provide drainage facility. To control **fall armyworm** in maize erect 4 pheromone traps /acre and spray 5 ml of 1500ppm neem oil /1 lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water.

• **VEGETABLES:**

• **Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.

• Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.

• **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.

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. 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.

**ANIMAL HUSBANDRY:**

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian.

**Dr Sujata Sethy**  
(Nodal officer)



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**Bulletin No.-226**  
**Date- 07/09/2021**

**AGROMET ADVISORY BULLETIN FOR BADAMBA**

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

**The block received average 29mm and district received average 16mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 85-81%.

**Forecasted period: Today(8.30IST) to 12<sup>th</sup>September (8.30IST)2021**

**Weather advisory: Isolated heavy rainfall is forecasted for Saturday and moderate rainfall is forecasted for today, Friday and very light to light rainfall is forecasted for other 2 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.** The day temperature will be 31-32°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-93% and 55-72% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	08/09/2021	09/09/2021	10/09/2021	11/09/2021	12/09/2021
Rainfall(mm)	12	3	10	15	31
T-Max(°C)	30	32	32	32	31
T-Min(°C)	25	25	25	24	25
Cloud Cover(octa)	7	8	8	8	8
RH Max (%)	93	86	86	89	86
RH Min (%)	72	56	55	65	62
Wind Speed (Kmph)	11	7	8	8	7
Wind Direction (deg)	162	169	285	289	288

**Agromet Advisory**

• **General advisory:** Farmers should stop fertilizer, pesticide application and irrigation activities from Friday onwards. Drain out excess water in standing rice crop as there was isolated moderate to heavy rainfall realized in past week and is forecasted in Saturday. By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.

• **Kharif rice:**

• The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre). 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. Due to soil moisture saturation farmers may prefer chemical weeding.

**Weather based Disease and pest of rice**

• **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. After transplanting if it will happen, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

• Due to stagnation of water in the field and high relative humidity in future **Sheathblight - Fungal disease** is common. Excess Nitrogen fertilizer application can accelerate this disease. **Sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. Bio fungicide like Trichoderma, Pseudomonas Fluorescens is also good.

• 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. Also there may be increase in incidence of **swarming caterpillar** after sunny days followed by heavy rainfall. To control this apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. **Present cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast disease** spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.

• **Maize:**

• Do not keep the stagnant water as it is raining. Provide drainage facility. To control **fall armyworm** in maize erect 4 pheromone traps /acre and spray 5 ml of 1500ppm neem oil /1 lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water.

• **VEGETABLES:**

• **Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.

• Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.

• **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.

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. 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.

**ANIMAL HUSBANDRY:**

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian.

**Dr Sujata Sethy**  
(Nodal officer)



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**Bulletin No.-226**  
**Date- 07/09/2021**

**AGROMET ADVISORY BULLETIN FORBANKI**

**District Past week average weather condition**

**The district received average 16mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 85-81%.

**Forecasted period: Today(8.30IST) to 12<sup>th</sup>September (8.30IST)2021**

**Weather advisory: Moderate rainfall is forecasted for today, Friday and Saturday and very light to light rainfall is forecasted for other 2 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.** The day temperature will be 30-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-92% and 53-70% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	08/09/2021	09/09/2021	10/09/2021	11/09/2021	12/09/2021
Rainfall(mm)	11	2	5	16	18
T-Max(°C)	30	32	33	32	31
T-Min(°C)	25	26	26	25	25
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	92	86	86	87	85
RH Min (%)	70	56	53	64	64
Wind Speed (Kmph)	12	9	9	8	8
Wind Direction (deg)	162	195	285	281	270

**Agromet Advisory**

- General advisory:** Farmers should stop fertilizer, pesticide application and irrigation activities from Friday onwards. Drain out excess water in standing rice crop as there was isolated moderate to heavy rainfall realized in past week. By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.

**Kharif rice:**

- The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre). 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. Due to soil moisture saturation farmers may prefer chemical weeding.

**Weather based Disease and pest of rice**

- 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. After transplanting if it will happen, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

- Due to stagnation of water in the field and high relative humidity in future **Sheathblight - Fungal disease** is common. Excess Nitrogen fertilizer application can accelerate this disease. **Sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. Bio fungicide like Trichoderma, Pseudomonas Fluorescens is also good.

- 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. Also there may be increase in incidence of **swarming caterpillar** after sunnydays followed by heavy rainfall. To control this apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. **Present cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast disease** spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.

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**VEGETABLES:**

- Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.

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(Nodal officer)



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**Bulletin No.-226**  
**Date- 07/09/2021**

**AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA**

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

**The block received average 28mm and district received average 16mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 85-81%.

**Forecasted period: Today(8.30IST) to 12<sup>th</sup>September (8.30IST)2021**

**Weather Advisory: Moderate rainfall is forecasted for today, Friday and Saturday and very light to light rainfall is forecasted for other 2 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.** The day temperature will be 30-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-92% and 53-70% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	08/09/2021	09/09/2021	10/09/2021	11/09/2021	12/09/2021
Rainfall(mm)	13	2	5	17	19
T-Max(°C)	30	32	33	32	31
T-Min(°C)	25	26	26	25	25
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	92	86	86	87	86
RH Min (%)	70	57	53	65	65
Wind Speed (Kmph)	12	9	9	8	8
Wind Direction (deg)	162	195	285	281	270

**Agromet Advisory**

• **General advisory:** Farmers should stop fertilizer, pesticide application and irrigation activities from Friday onwards. Drain out excess water in standing rice crop as there was isolated moderate to heavy rainfall realized in past week. By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.

• **Kharif rice:**

The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre). 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. Due to soil moisture saturation farmers may prefer chemical weeding.

**Weather based Disease and pest of rice**

• **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. After transplanting if it will happen, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

• Due to stagnation of water in the field and high relative humidity in future **Sheathblight - Fungal disease** is common. Excess Nitrogen fertilizer application can accelerate this disease. **Sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. Bio fungicide like Trichoderma, Pseudomonas Fluorescens is also good.

• 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 Also there may be increase in incidence of **swarming caterpillar** after sunnydays followed by heavy rainfall. To control this apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. **Present cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast disease** spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.

• **Maize:**

Do not keep the stagnant water as it is raining. Provide drainage facility. To control **fall armyworm** in maize erect 4 pheromone traps /acre and spray 5 ml of 1500ppm neem oil /1 lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water.

• **VEGETABLES:**

• **Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.

• Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.

• **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.

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. 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.

**ANIMAL HUSBANDRY:**

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian.

**Dr Sujata Sethy**  
(Nodal officer)



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Bulletin No.-226  
Date- 07/09/2021

**AGROMET ADVISORY BULLETIN FOR BARANGA**

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

The block received average 6mm and district received average 16mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 85-81%.

**Forecasted period: Today(8.30IST) to 12<sup>th</sup>September(8.30IST)2021**

**Weather advisory:** Moderate rainfall is forecasted for today, Friday and Saturday and very light to light rainfall is forecasted for other 2 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 30-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-93% and 53-72% 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)				
	08/09/2021	09/09/2021	10/09/2021	11/09/2021	12/09/2021
Rainfall(mm)	14	2	4	15	20
T-Max(°C)	30	32	33	31	32
T-Min(°C)	25	26	26	25	25
Cloud Cover	8	8	8	8	8
RH Max (%)	93	85	85	87	88
RH Min (%)	72	61	53	66	60
Wind Speed (Kmph)	13	11	10	10	9
Wind Direction (deg)	162	205	214	289	293

**Agromet Advisory**

- General advisory:** Farmers should stop fertilizer, pesticide application and irrigation activities from Friday onwards. Drain out excess water in standing rice crop as there was isolated moderate rainfall realized in past week. By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.
- Kharif rice:**
- The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre). 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. Due to soil moisture saturation farmers may prefer chemical weeding.
- Weather based Disease and pest of rice**
- 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. After transplanting if it will happen, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.
- Due to stagnation of water in the field and high relative humidity in future **Sheathblight - Fungal disease** is common. Excess Nitrogen fertilizer application can accelerate this disease. **Sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. Bio fungicide like Trichoderma, Pseudomonas Fluorescens is also good.
- 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 Also there may be increase in incidence of **swarming caterpillar** after sunny days followed by heavy rainfall. To control this apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. **Present cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast disease** spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.
- Maize:**
- Do not keep the stagnant water as it is raining. Provide drainage facility. To control **fall armyworm** in maize erect 4 pheromone traps /acre and spray 5 ml of 1500ppm neem oil /1 lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water.
- VEGETABLES:**
- Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin + Thiram @ 400g or Metalaxyl 8% + Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- 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. 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.

**ANIMAL HUSBANDRY:**

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian.

Dr Sujata Sethy  
(Nodal officer)



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**Bulletin No.-226**  
**Date- 07/09/2021**

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

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

The block received average 8mm and district received average 16mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 85-81%.

**Forecasted period: Today(8.30IST) to 12<sup>th</sup>September (8.30IST)2021**

**Weather advisory:** Moderate rainfall is forecasted for today, Friday and Saturday and very light to light rainfall is forecasted for other 2 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 30-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-93% and 53-72% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/09/2021	09/09/2021	10/09/2021	11/09/2021	12/09/2021
Rainfall(mm)	13	2	5	15	21
T-Max(°C)	30	32	33	31	32
T-Min(°C)	25	26	26	25	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	93	86	86	87	87
RH Min (%)	72	60	53	67	60
Wind Speed (Kmph)	13	10	10	10	9
Wind Direction (deg)	159	198	270	288	293

**Agromet Advisory**

- General advisory:** Farmers should stop fertilizer, pesticide application and irrigation activities from Friday onwards. Drain out excess water in standing rice crop as there was isolated moderate rainfall realized in past week. By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.
- Kharif rice:**
- The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre). 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. Due to soil moisture saturation farmers may prefer chemical weeding.
- Weather based Disease and pest of rice**
- 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. After transplanting if it will happen, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.
- Due to stagnation of water in the field and high relative humidity in future **Sheathblight - Fungal disease** is common. Excess Nitrogen fertilizer application can accelerate this disease. **If sheath blight will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.** Bio fungicide like Trichoderma, Pseudomonas Fluorescens is also good.
- 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 Also there may be increase in incidence of **swarming caterpillar** after sunny days followed by heavy rainfall. To control this apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. **Present cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast disease** spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.
- Sugarcane:** wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. For early shoot borer Spray Chloropyrifos or Quinalopphos @ 400 ml/ac in 200 lts of water after cessation of rain. For Red rot, avoid rationing in red rot affected area, spray the crop with Mancozeb 0.3% or carbendazim 0.1% at 15 days interval. Complete hoeing, weeding and apply fertilizer urea 100kg with 34 kg MOP in lines followed by earthing up during non rainy period.
- VEGETABLES:**
- Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.  
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. 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.

**ANIMAL HUSBANDRY:**

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian.

**Dr Sujata Sethy**  
(Nodal officer)



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**Bulletin No.-226**  
**Date- 07/09/2021**

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

**The block received average 12mm and district received average 16mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 85-81%.

**Forecasted period: Today(8.30IST) to 12<sup>th</sup>September (8.30IST)2021**

**Weather advisory: Moderate rainfall is forecasted for today, Friday and Saturday and very light to light rainfall is forecasted for other 2 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.** The day temperature will be 30-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-92% and 52-72% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/09/2021	09/09/2021	10/09/2021	11/09/2021	12/09/2021
Rainfall(mm)	15	2	5	18	20
T-Max(°C)	30	32	33	31	32
T-Min(°C)	25	26	26	25	25
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	92	85	85	87	88
RH Min (%)	72	64	52	65	59
Wind Speed (Kmph)	14	12	11	10	10
Wind Direction (deg)	162	205	214	289	293

**Agromet Advisory**

• **General advisory:** Farmers should stop fertilizer, pesticide application and irrigation activities from Friday onwards. Drain out excess water in standing rice crop as there was isolated moderate rainfall realized in past week. By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.

• **Kharif rice:**

The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre). 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. Due to soil moisture saturation farmers may prefer chemical weeding.

**Weather based Disease and pest of rice**

• **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. After transplanting if it will happen, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

• Due to stagnation of water in the field and high relative humidity in future **Sheathblight - Fungal disease** is common. Excess Nitrogen fertilizer application can accelerate this disease. **Sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. Bio fungicide like Trichoderma, Pseudomonas Fluorescens is also good.

• 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. Also there may be increase in incidence of **swarming caterpillar** after sunny days followed by heavy rainfall. To control this apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. **Present cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast disease** spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.

• **Sugarcane:** wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. For early shoot borer Spray Chloropyrifos or Quinalopphos @ 400 ml/ac in 200 lts of water after cessation of rain. For Red rot, avoid rationing in red rot affected area, spray the crop with Mancozeb 0.3% or carbendazim 0.1% at 15 days interval. Complete hoeing, weeding and apply fertilizer urea 100kg with 34 kg MOP in lines followed by earthing up during non rainy period.

• **VEGETABLES:**

• **Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.

• Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.

• **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.

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. 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.

**ANIMAL HUSBANDRY:**

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian.

**Dr Sujata Sethy**  
(Nodal officer)



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**Bulletin No.-226**  
**Date- 07/09/2021**

**AGROMET ADVISORY BULLETIN FOR MAHANGA**

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

**The block received average 15mm and district received average 16mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 85-81%.

**Forecasted period: Today(8.30IST) to 12<sup>th</sup>September (8.30IST)2021**

**Weather advisory: Moderate rainfall is forecasted for today, Friday and Saturday and very light to light rainfall is forecasted for other 2 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.** The day temperature will be and it will be 30-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-92% and 57-70% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/09/2021	09/09/2021	10/09/2021	11/09/2021	12/09/2021
Rainfall(mm)	12	4	7	12	16
T-Max(°C)	30	32	33	31	33
T-Min(°C)	25	26	26	25	26
Cloud Cover(octal)	8	8	8	8	8
RH Max (%)	92	88	86	85	86
RH Min (%)	70	61	52	64	57
Wind Speed (Kmph)	14	12	11	12	8
Wind Direction (deg)	159	203	270	283	330

**Agromet Advisory**

• **General advisory: Farmers should stop fertilizer, pesticide application and irrigation activities from Friday onwards. Drain out excess water in standing rice crop as there was isolated moderate to heavy rainfall realized in past week. By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.**

• **Kharif rice:**

• The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre). 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. Due to soil moisture saturation farmers may prefer chemical weeding.

**Weather based Disease and pest of rice**

• **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.** After transplanting if it will happen, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

• Due to stagnation of water in the field and high relative humidity in future **Sheathblight - Fungal disease** is common. Excess Nitrogen fertilizer application can accelerate this disease. **Sheath blight will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.** Bio fungicide like Trichoderma, Pseudomonas Fluorescens is also good.

• 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. Also there may be increase in incidence of **swarming caterpillar** after sunny days followed by heavy rainfall. To control this apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. **Present cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast disease** spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.

• **Sugarcane:** wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. For early shoot borer Spray Chloropyrifos or Quinalopphos @ 400 ml/ac in 200 lts of water after cessation of rain. For Red rot, avoid rationing in red rot affected area, spray the crop with Mancozeb 0.3% or carbendazim 0.1% at 15 days interval. Complete hoeing, weeding and apply fertilizer urea 100kg with 34 kg MOP in lines followed by earthing up during non rainy period.

• **VEGETABLES:**

• **Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.

• Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.

• **Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.

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. 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.

**ANIMAL HUSBANDRY:**

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian.

**Dr Sujata Sethy**  
(Nodal officer)



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**Bulletin No.-226**  
**Date- 07/09/2021**

**AGROMET ADVISORY BULLETIN FOR NARASINGHPUR**

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

The block received average 18mm and district received average 16mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 85-81%.

**Forecasted period: Today(8.30IST) to 12<sup>th</sup>September (8.30IST)2021**

**Weather advisory:** Isolated heavy rainfall is forecasted for Saturday and moderate rainfall is forecasted for today, Friday and very light to light rainfall is forecasted for other 2 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 29-32°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 88-96% and 56-76% 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)				
	08/09/2021	09/09/2021	10/09/2021	11/09/2021	12/09/2021
Rainfall(mm)	11	3	10	12	31
T-Max(°C)	29	33	31	32	31
T-Min(°C)	23	24	24	23	24
Cloud Cover(/octa)	7	8	8	8	8
RH Max (%)	96	88	88	92	88
RH Min (%)	76	56	56	61	60
Wind Speed (Kmph)	9	5	6	8	6
Wind Direction (deg)	158	195	289	288	290

**Agromet Advisory**

**General advisory:** Farmers should stop fertilizer, pesticide application and irrigation activities from Friday onwards. Drain out excess water in standing rice crop as there was isolated moderate to heavy rainfall realized in past week and is forecasted in Saturday. By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.

**Kharif rice:**

The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre). 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. Due to soil moisture saturation farmers may prefer chemical weeding.

**Weather based Disease and pest of rice**

**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. After transplanting if it will happen, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

Due to stagnation of water in the field and high relative humidity in future **Sheathblight - Fungal disease** is common. Excess Nitrogen fertilizer application can accelerate this disease. If **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. Bio fungicide like Trichoderma, Pseudomonas Fluorescens is also good.

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. Also there may be increase in incidence of **swarming caterpillar** after sunny days followed by heavy rainfall. To control this apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. Present cloudy and humid weather and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast disease** spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.

**Maize:**

Do not keep the stagnant water as it is raining. Provide drainage facility. To control **fall armyworm** in maize erect 4 pheromone traps /acre and spray 5 ml of 1500ppm neem oil /1 lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water.

**VEGETABLES:**

**Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.

Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.

**Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.

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. 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.

**ANIMAL HUSBANDRY:**

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian.

**Dr Sujata Sethy**  
(Nodal officer)



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**Bulletin No.-226**  
**Date- 07/09/2021**

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

The block received average 22mm and district received average 16mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 85-81%.

**Forecasted period: Today(8.30IST) to 12<sup>th</sup>September (8.30IST)2021**

**Weather advisory:** Moderate rainfall is forecasted for today, Friday and Saturday and very light to light rainfall is forecasted for other 2 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 30-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 84-90% and 52-73% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/09/2021	09/09/2021	10/09/2021	11/09/2021	12/09/2021
Rainfall(mm)	16	3	4	16	18
T-Max(°C)	30	31	33	32	33
T-Min(°C)	26	26	26	25	25
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	90	85	84	86	87
RH Min (%)	73	65	52	62	58
Wind Speed(Kmph)	16	13	11	10	10
Wind Direction(deg)	180	205	214	293	293

**Agromet Advisory**

- General advisory:** Farmers should stop fertilizer, pesticide application and irrigation activities from Friday onwards. Drain out excess water in standing rice crop as there was isolated moderate to heavy rainfall realized in past week. By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.
- Kharif rice:**
  - The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre). 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. Due to soil moisture saturation farmers may prefer chemical weeding.
  - Weather based Disease and pest of rice**
  - 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. After transplanting if it will happen, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.
  - Due to stagnation of water in the field and high relative humidity in future **Sheathblight - Fungal disease** is common. Excess Nitrogen fertilizer application can accelerate this disease. *If sheath blight will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water.* Bio fungicide like Trichoderma, Pseudomonas Fluorescens is also good.
  - 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 Also there may be increase in incidence of **swarming caterpillar** after sunny days followed by heavy rainfall. To control this apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. **Present cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast** disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.
  - Sugarcane:** wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. For early shoot borer Spray Chloropyrifos or Quinalopphos @ 400 ml/ac in 200 lts of water after cessation of rain. For Red rot, avoid rationing in red rot affected area, spray the crop with Mancozeb 0.3% or carbendazim 0.1% at 15 days interval. Complete hoeing, weeding and apply fertilizer urea 100kg with 34 kg MOP in lines followed by earthing up during non rainy period.
  - VEGETABLES:** Drain out excess water from the field. Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
  - Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streoptoclyline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
  - Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.  
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. 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.

**ANIMAL HUSBANDRY:**

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian.

**Dr Sujata Sethy**  
(Nodal officer)



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Bulletin No.-226  
 Date- 07/09/2021

**AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI**

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

The block received average 7mm and district received average 16mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 85-81%.

**Forecasted period: Today(8.30IST) to 12<sup>th</sup>September (8.30IST)2021**

**Weather advisory:** Moderate rainfall is forecasted for today, Friday and Saturday and very light to light rainfall is forecasted for other 2 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 30-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-92% and 52-71% 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	08/09/2021	09/09/2021	10/09/2021	11/09/2021	12/09/2021
Rainfall(mm)	15	2	10	14	16
T-Max(°C)	30	32	33	31	33
T-Min(°C)	25	26	26	25	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	92	87	86	86	86
RH Min (%)	71	62	52	65	57
Wind Speed (Kmph)	14	12	11	12	9
Wind Direction (deg)	159	203	270	288	293

**Agromet Advisory**

**General advisory:** Farmers should stop fertilizer, pesticide application and irrigation activities from Friday onwards. Drain out excess water in standing rice crop as there was isolated moderate rainfall realized in past week. By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.

**Kharif rice:**

The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre). 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. Due to soil moisture saturation farmers may prefer chemical weeding.

**Weather based Disease and pest of rice**

**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. After transplanting if it will happen, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

Due to stagnation of water in the field and high relative humidity in future **Sheathblight - Fungal disease** is common. Excess Nitrogen fertilizer application can accelerate this disease. **Sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. Bio fungicide like Trichoderma, Pseudomonas Fluorescens is also good.

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. Also there may be increase in incidence of **swarming caterpillar** after sunny days followed by heavy rainfall. To control this apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. **Present cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast disease** spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.

**Sugarcane:** wrapping and propping should be done when crop are 4-5 month old in medium and late duration varieties. For early shoot borer Spray Chloropyrifos or Quinalopphos @ 400 ml/ac in 200 lts of water after cessation of rain. For Red rot, avoid rationing in red rot affected area, spray the crop with Mancozeb 0.3% or carbendazim 0.1% at 15 days interval. Complete hoeing, weeding and apply fertilizer urea 100kg with 34 kg MOP in lines followed by earthing up during non rainy period.

**VEGETABLES:**

**Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.

Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.

**Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.

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. 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.

**ANIMAL HUSBANDRY:**

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian.

Dr Sujata Sethy  
 (Nodal officer)



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**Bulletin No.-226**  
**Date- 07/09/2021**

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

The block received average 21mm and district received average 16mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 85-81%.

**Forecasted period: Today(8.30IST) to 12<sup>th</sup>September (8.30IST)2021**

**Weather advisory:** Moderate rainfall is forecasted for today, Friday and Saturday and very light to light rainfall is forecasted for other 2 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 30-33°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 85-92% and 52-71% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/09/2021	09/09/2021	10/09/2021	11/09/2021	12/09/2021
Rainfall(mm)	14	2	10	17	18
T-Max(°C)	30	32	33	31	33
T-Min(°C)	25	26	26	25	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	92	87	85	86	86
RH Min (%)	71	61	52	66	57
Wind Speed (Kmph)	14	12	11	11	9
Wind Direction (deg)	159	203	270	288	293

**Agromet Advisory**

**General advisory:** Farmers should stop fertilizer, pesticide application and irrigation activities from Friday onwards. Drain out excess water in standing rice crop as there was isolated moderate to heavy rainfall realized in past week. By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.

**Kharif rice:**

The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre). 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. Due to soil moisture saturation farmers may prefer chemical weeding.

**Weather based Disease and pest of rice**

**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. After transplanting if it will happen, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.

Due to stagnation of water in the field and high relative humidity in future **Sheathblight - Fungal disease** is common. Excess Nitrogen fertilizer application can accelerate this disease. If sheath blight will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. Bio fungicide like Trichoderma, Pseudomonas Fluorescens is also good.

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. Also there may be increase in incidence of **swarming caterpillar** after sunny days followed by heavy rainfall. To control this apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. Present cloudy and humid weather and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast disease** spray Tebuconazole 50% + Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.

**Maize:**

Do not keep the stagnant water as it is raining. Provide drainage facility. To control **fall armyworm** in maize erect 4 pheromone traps /acre and spray 5 ml of 1500ppm neem oil /1 lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water.

**VEGETABLES:**

**Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.

Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin + Thiram @ 400g or Metalaxyl 8% + Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.

**Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.

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. 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.

**ANIMAL HUSBANDRY:**

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian

**Dr Sujata Sethy**  
(Nodal officer)



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**Debasish Jena**

**SMS (Agrometeorology)**

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**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
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**KRISHI VIGYAN KENDRA CUTTACK**



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Bulletin No.-226  
 Date- 07/09/2021

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

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

The block received average 9mm and district received average 16mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 85-81%.

**Forecasted period: Today(8.30IST) to 12<sup>th</sup>September (8.30IST)2021**

**Weather advisory:** Isolated heavy rainfall is forecasted for Saturday and moderate rainfall is forecasted for today, Friday and very light to light rainfall is forecasted for other 2 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 31-34°C and night temperature will be 28°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-86% and 59-74% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	08/09/2021	09/09/2021	10/09/2021	11/09/2021	12/09/2021
Rainfall(mm)	13	5	8	13	33
T-Max(°C)	31	32	34	33	34
T-Min(°C)	28	28	28	28	28
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	86	84	85	83	84
RH Min (%)	74	69	59	63	60
Wind Speed (Kmph)	20	16	13	12	9
Wind Direction (deg)	180	208	214	283	261

**Agromet Advisory**

- General advisory:** Farmers should stop fertilizer, pesticide application and irrigation activities from Friday onwards. Drain out excess water in standing rice crop as there was isolated moderate rainfall realized in past week and heavy rainfall is forecasted in Saturday. By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.
- Kharif rice:**
- The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre). 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. Due to soil moisture saturation farmers may prefer chemical weeding.
- Weather based Disease and pest of rice**
- 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. After transplanting if it will happen, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.
- Due to stagnation of water in the field and high relative humidity in future **Sheathblight - Fungal disease** is common. Excess Nitrogen fertilizer application can accelerate this disease. **Sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. Bio fungicide like Trichoderma, Pseudomonas Fluorescens is also good.
- 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. Also there may be increase in incidence of **swarming caterpillar** after sunny days followed by heavy rainfall. To control this apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. **Present cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast disease** spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.
- Maize:**
- Do not keep the stagnant water as it is raining. Provide drainage facility. To control **fall armyworm** in maize erect 4 pheromone traps /acre and spray 5 ml of 1500ppm neem oil / 1 lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water.
- VEGETABLES:**
- Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.
- Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.
- Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.
- 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. 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.

**ANIMAL HUSBANDRY:**

Keep animal shed and shelter house free from water logging by keeping it dry and free from weed. As parasitic problem is a major headache in current situation, give animals medicine after faecal matter at nearby veterinary hospital and in consultation with near by veterinarian.

Dr Sujata Sethy  
 (Nodal officer)



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**Bulletin No.-226**  
**Date- 07/09/2021**

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

The block received average 18mm and district received average 16mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C and 25°C, respectively. Mean relative humidity of the district was around 85-81%.

**Forecasted period: Today(8.30IST) to 12<sup>th</sup>September (8.30IST)2021**

**Weather advisory:** Isolated heavy rainfall is forecasted for Saturday and moderate rainfall is forecasted for today, Friday and very light to light rainfall is forecasted for other 2 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 30-33°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 86-94% and 55-72% 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)				
	08/09/2021	09/09/2021	10/09/2021	11/09/2021	12/09/2021
Rainfall(mm)	12	3	9	14	34
T-Max(°C)	30	32	33	32	31
T-Min(°C)	25	26	26	24	26
Cloud Cover(octa)	8	8	8	8	8
RH Max (%)	94	87	87	89	86
RH Min (%)	72	57	55	66	66
Wind Speed (Kmph)	12	8	9	9	8
Wind Direction (deg)	159	195	285	288	270

**Agromet Advisory**

**General advisory:** Farmers should stop fertilizer, pesticide application and irrigation activities from Friday onwards. Drain out excess water in standing rice crop as there was isolated moderate to heavy rainfall realized in past week and is forecasted in Saturday. By using recent rainfall and soil moisture start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.

**Kharif rice:**

The crop is at tillering stage. Maintain about 2-3 cm standing water during tillering stage. At 21 days after transplanting apply 50% N (35 kg Urea/acre). 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. Due to soil moisture saturation farmers may prefer chemical weeding.

**Weather based Disease and pest of rice**

- 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. After transplanting if it will happen, spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear.
- Due to stagnation of water in the field and high relative humidity in future **Sheathblight - Fungal disease** is common. Excess Nitrogen fertilizer application can accelerate this disease. **Sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazole 1ml/ltr of water. Bio fungicide like Trichoderma, Pseudomonas Fluorescens is also good.
- 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. Also there may be increase in incidence of **swarming caterpillar** after sunny days followed by heavy rainfall. To control this apply chloropyrifos @ 2ml/ltr of water to root zone in afternoon hour. **Present cloudy and humid weather** and the 20-25°C minimum temperature favors incidence of **stem borer and blast disease** in rice if the infestation will happen, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre in 200 litres of water or, Cartap hydrochloride 4G @ 10kg/acre or, Flubendiamide 20 WG 50g/acre in 200 litres of water to control **stem borer** and to control **blast disease** spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water.

**Maize:**

Do not keep the stagnant water as it is raining. Provide drainage facility. To control **fall armyworm** in maize erect 4 pheromone traps /acre and spray 5 ml of 1500ppm neem oil / 1 lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water.

**VEGETABLES:**

**Drain out excess water from the field.** Due to rain and high humidity, infestation of **blight and sucking pest** in vegetables likely to increase; farmers are advised to regular monitor the field. If observe, spray Mancozeb 75% WP @ 2g/l of water for blight and Imidacloprid 17.8% SL @ 0.25 ml/l of water for sucking pest.

Due to rain and high humid condition during last week, **wilting** is likely to appear in young plants. Drain out water from the field. Spray mixing Streptocycline @ 20g with Carboxin+Thiram @ 400g or Metalaxyl 8%+Mancozeb 64% WP @ 400g per acre in 200 liters of water. Apply additional dose of potassic fertilizer to the crop.

**Downy Mildew, vine rot, leaf spot and blight disease** in cucurbit vegetables, spray Carbendazim 12 % + Mancozeb 63 % WP @ 400 g/acre or Chlorothalonil @ 400 g/acre.

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. 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.

**ANIMAL HUSBANDRY:**

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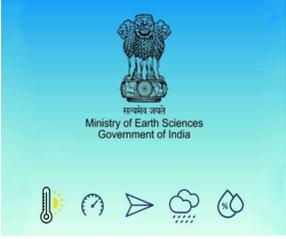
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MEGHDOOT APP	DAMINI APP	FACEBOOK (Damu Cuttack)	BLOCK SPECIFIC WHAT'S APP GROUPS

- 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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