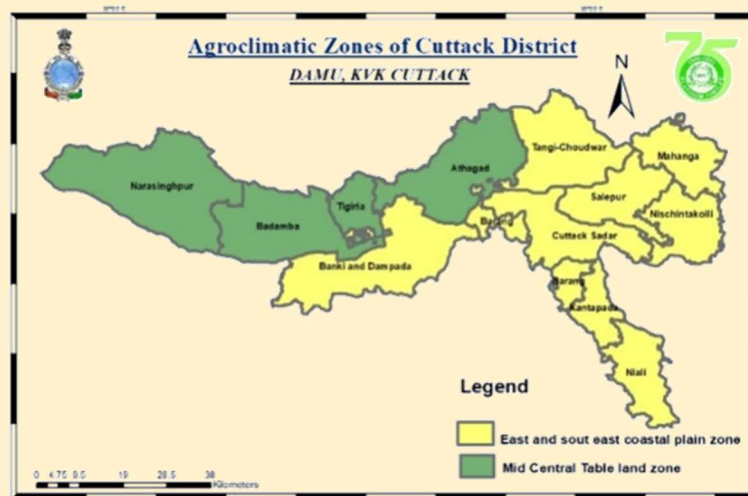




# Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday 08<sup>th</sup> July, 2022  
(For the period 08<sup>th</sup> to 12<sup>th</sup> July, 2022)*



*Issued by  
District Agromet Unit,  
KrishiVigyan Kendra Cuttack*





**GRAMIN KRISHI MAUSAM SEWA**  
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**Bulletin No.-311**  
**Date- 08/07/2022**

**STANDARD PRECIPITATION INDEX AND NDVI MAP**

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p>Standardised Precipitation Index for the period 09<sup>th</sup> June 2022 to 06<sup>th</sup> July 2022</p> <p>MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CRS PUNE</p> <p>STANDARDIZED PRECIPITATION INDEX FOR THE PERIOD 09 JUNE 2022 TO 06 JULY 2022</p> <p>SPI VALUES</p> <ul style="list-style-type: none"> <li>-2 (Extremely Dry)</li> <li>-1.50 to -1.99 (Extremely Dry)</li> <li>-1.00 to -1.49 (Moderately Dry)</li> <li>-0.50 to -0.99 (Mildly Dry)</li> <li>0 to 0.49 (Near Normal)</li> <li>0.50 to 0.99 (Moderately Wet)</li> <li>1.00 to 1.49 (Extremely Wet)</li> <li>1.50 to 1.99 (Extremely Wet)</li> <li>&gt; 2 (Extremely Wet)</li> <li>No Data</li> </ul>	<p>NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 26 (25.06.2022 to 01.07.2022) over Agricultural region</p> <p align="center"><b>Odisha</b></p> <p>Agriculture vigour is moderate over the state.</p> <p>Legend:</p> <ul style="list-style-type: none"> <li>-0.9999 - 0</li> <li>0 - 0.05</li> <li>0.05 - 0.1</li> <li>0.1 - 0.15</li> <li>0.15 - 0.2</li> <li>0.2 - 0.25</li> <li>0.25 - 0.3</li> <li>0.3 - 0.35</li> <li>0.35 - 0.4</li> <li>0.4 - 0.45</li> <li>0.45 - 0.5</li> <li>0.5 - 0.55</li> <li>0.55 - 0.6</li> <li>&gt; 0.6</li> </ul> <p>Bare soil, rocks, clouds, rain, snow, etc.</p> <p>Moderate</p> <p>Good</p> <p>Very good</p>
<p><i>As per SPI value (cumulative 4weeks - 09June 2022 – 06July2022), milddrycondition was there in Cuttack district.</i></p>	<p><i>According to NDVI map (25.06.2022 to 01.07.2022) the agriculture vigor was very light to light over most places of Cuttack district and light to moderate over isolated places of Badamba, Narasinghpur.</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

Dr Sujata Sethy  
(Nodal officer)



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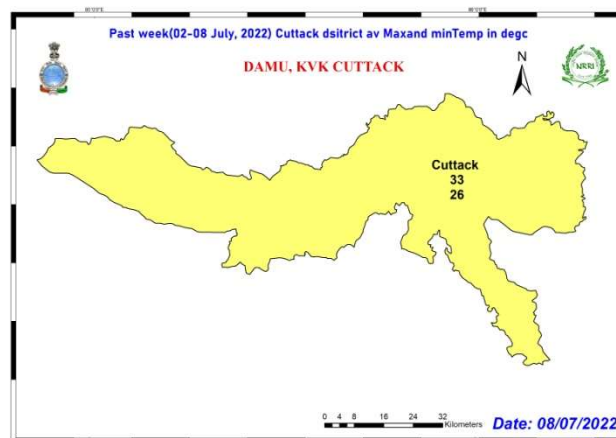
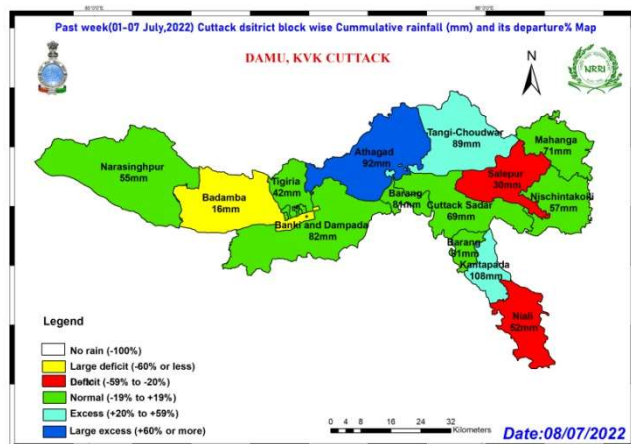


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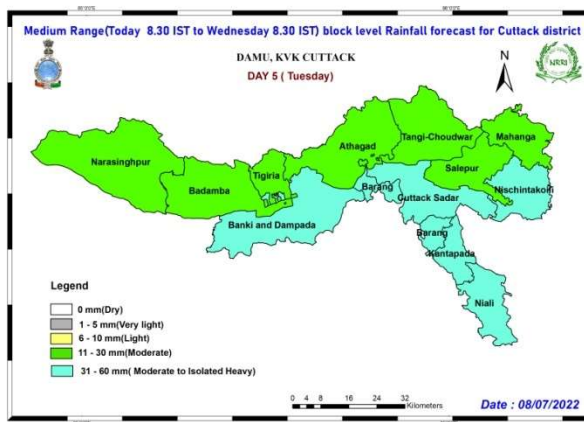
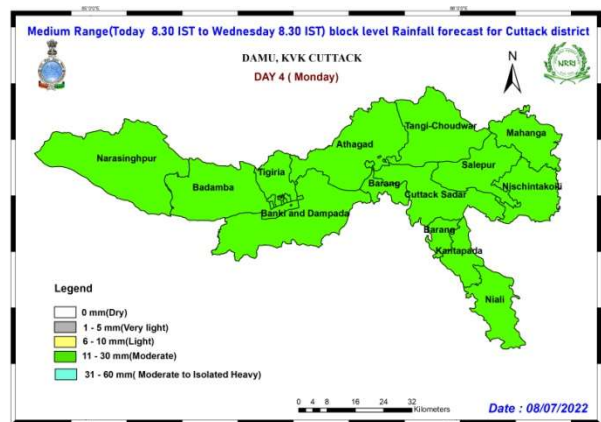
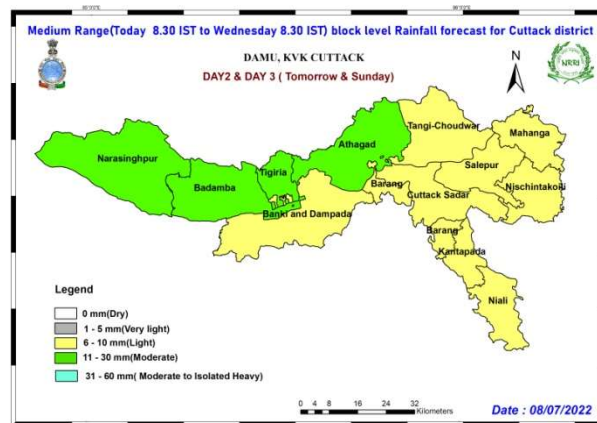
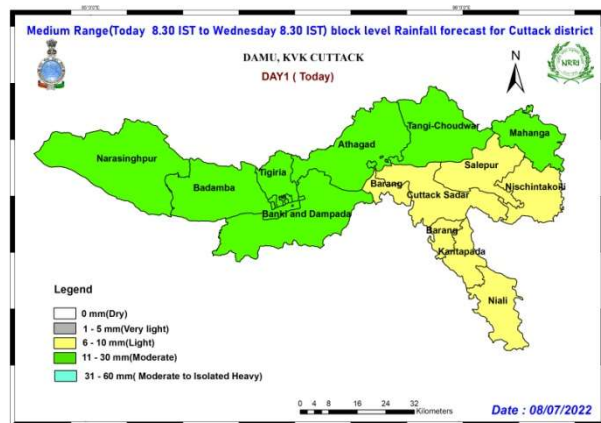


**Bulletin No.-311**  
**Date- 08/07/2022**

**Past week (01-07 July, 2022) cumulative rainfall departure% from normal and (02-08 July) average maximum and minimum temperature for Cuttack district**



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



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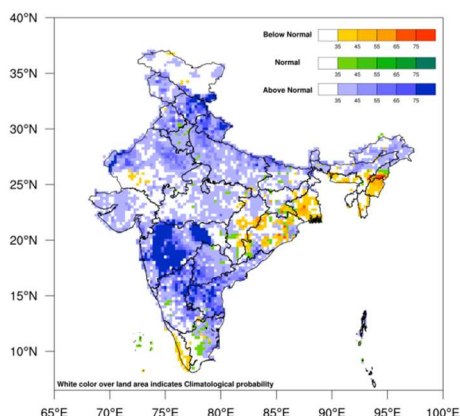
Met Sub division	Extended range outlook for subsequent 1 week (6 <sup>th</sup> to 12 <sup>th</sup> days) (14-20 July 2022)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	32.80	Above Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	-0.38	Normal
	Minimum temperature	-0.01	Normal

**General Agromet Advisory:-** There will be above normal rainfall in subsequent week after 5 days in Odisha condition, so farmers are advised to drain out excess water from their rice nurseries and also should complete direct as well as nursery sowing(dry nursery)of kharif rice in that period. They may go for transplanting activity as there will be above normal rainfall condition in subsequent week.

**Updated Long range forecast for the 2021 South-west Monsoon seasonal rainfall and Monthly Rainfall Forecast for July 2022**

- Southwest monsoon seasonal (June to September) rainfall over the country as a whole is most likely to be normal (96 to 104 % of Long Period Average (LPA)).
- Quantitatively, the monsoon seasonal (June to September) rainfall over the country as a whole is likely to be 103% of the Long Period Average (LPA)with a model error of  $\pm 4\%$ . The LPA of the seasonal rainfall over the country as a whole based on data of 1971-2020 is 87 cm.
- As per probabilistic forecast of rainfall, there will be below normal rainfall during Monsoon season and below normal rainfall during July month in Odisha condition.
- Hence Farmers should prepare the crop plan depending upon the land type, soil fertility and Variety availability, irrigation facility.
- Farmers may prefer short to medium duration rice variety for this kharif season and may avoid upland rice cultivation.

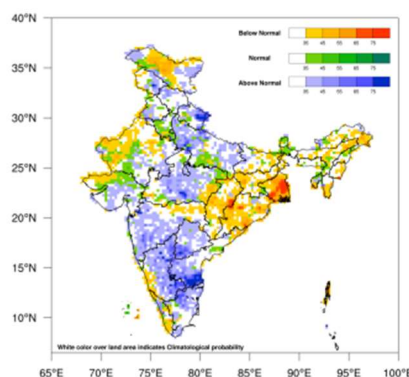
Tercile probability rainfall forecast for 2022 southwest monsoon season



**Fig.1.**Updated Probability forecast of tercile categories\* (below normal, normal, and above normal) of rainfall over India during monsoon season (June -September), 2022. The figure illustrates the most likely categories as well as their probabilities. The white shaded areas within the land area represent climatological probabilities.

\*Tercile categories have equal climatological probabilities of 33.33% each.

probability rainfall forecast for 2022 JUL



**Fig.1.** Probability forecast of tercile categories\* (below normal, normal and above normal) for the rainfall over India during July 2022. 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).

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



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**Date- 08/07/2022**

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

Sl No	Crop	Stage and condition of the crop	Anticipated Disease and pest	
1	Rice	Nursery stage		Seedling blight
				Blast
2	Sugarcane	Vegetative to tillering		Red rot
				White fly
3	Maize	Vegetative		Anthracnose
				Stalk rot
4	Jute	30-50days/Vegetative		Stem Rot
				Jute Hairy caterpillar
				Yellow mite
5	Brinjal	Fruiting		Phomopsis Blight
				Fruit and shoot borer

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6	Tomato	Fruting		Bacterial wilt
				Seedling rot
7	Cowpea			Rust
8	Cucurbits	Flowering to Fruiting stage		Downy mildew
				Leaf blight
				Leaf Spot
9	Okra	Fruiting		YMV
10	Banana			Sigatoka
11	Papaya			YMV

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**Bulletin No.-311**  
**Date- 08/07/2022**

**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

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

**The block received average 13mm and district received average 10mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C (-0.3°C from normal) and 26°C (+1.7°C from normal), respectively. Mean relative humidity was around 89-93%.

**Forecasted period: Today(8.30IST) to 13<sup>th</sup> July(8.30IST)2022**

**Weather advisory: Moderate rainfall is forecasted for upcoming 5 days in the block.** The day temperature will be 28-32°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-88% and 48-62% 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)				
Date	08/07/2022	09/07/2022	10/07/2022	11/07/2022	12/07/2022
Rainfall (mm)	14	12	15	22	25
T-Max (°C)	31	28	31	30	32
T-Min (°C)	25	25	26	25	25
Cloud Cover (octa)	3	8	8	8	8
RH Max (%)	88	83	77	88	86
RH Min (%)	50	62	48	57	56
Wind Speed (kmph)	12	9	10	10	8
Wind Direction (deg)	90	75	289	296	315

**Agromet Advisory**

**General advisory: Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places.**

**Khharifrice:(DIRECT SEEDED RICE):**

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

**TRANSPLANTED RICE:**

Considering the anticipated rainfall, paddy transplanting may be completed before 15th July. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting.

**Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.**

**Maize:**

Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up. Due to extended period of cloudy and rainy weather there may be chances of infestation of Anthracnose and bacterial stalk rot disease in Maize, especially at seedling to vegetative stage. To control Anthracnose apply some suitable Fungicide and to control Stalk rot apply Cupper oxychloride based chemicals in dry days.

**VEGETABLES AND FRUITS:**

- Fruit and vine rot, leaf blight of pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- Due to Past 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.
- Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.
- Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

**Fruits:**

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

**Animal Husbandry:**

Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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



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**Bulletin No.-311**  
**Date- 08/07/2022**

**AGROMET ADVISORY BULLETIN FOR BADAMBA**

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

The block received average 2mm and district received average 10mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C (-0.3°C from normal) and 26°C (+1.7°C from normal), respectively. Mean relative humidity was around 89-93%.

**Forecasted period: Today(8.30IST) to 13<sup>th</sup> July(8.30IST)2022**

**Weather advisory:** *Moderate rainfall is forecasted for upcoming 5 days in the block.* The day temperature will be 28-31°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-90% and 50-62% 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	08/07/2022	09/07/2022	10/07/2022	11/07/2022	12/07/2022
Rainfall(mm)	12	11	11	25	24
T-Max(°C)	31	28	31	30	31
T-Min(°C)	25	24	25	24	24
Cloud Cover(octa)	4	8	8	8	8
RH Max (%)	90	84	82	90	88
RH Min (%)	52	62	50	62	60
Wind Speed (Kmph)	11	8	10	9	7
Wind Direction (deg)	113	75	285	293	293

**Agromet Advisory**

**General advisory:** *Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places.*

**Kharifrice:(DIRECT SEEDED RICE):**

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

**TRANSPLANTED RICE:**

Considering the anticipated rainfall, paddy transplanting may be completed before 15th July. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

*Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.*

**Maize:**

Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up. Due to **extended period of cloudy and rainy weather** there may be chances of infestation of **Anthraxnose and bacterial stalk rot** disease in Maize, especially at seedling to vegetative stage. To control Anthracnose apply some suitable Fungicide and to control Stalk rot apply Cupper oxychloride based chemicals in dry days.

**VEGETABLES AND FRUITS:**

- Fruit and vine rot, leaf blight** of **pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- Due to Past 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.
- Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.
- Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

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**(Nodal officer)**



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**Bulletin No.-311**  
**Date- 08/07/2022**

**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week average weather condition**

**The district received average 10mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C (-0.3°C from normal) and 26°C (+1.7°C from normal), respectively. Mean relative humidity was around 89-93%.

**Forecasted period: Today(8.30IST) to 13<sup>th</sup> July(8.30IST)2022**

**Weather advisory: Light to moderate rainfall is forecasted for today to Monday and Moderate with isolated heavy rainfall is forecasted for Tuesday in the block.** The day temperature will be 28-32°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-89% and 49-59% 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	08/07/2022	09/07/2022	10/07/2022	11/07/2022	12/07/2022
Rainfall(mm)	12	9	10	25	33
T-Max(°C)	31	28	31	30	32
T-Min(°C)	25	24	26	24	25
Cloud Cover(octa)	4	8	8	8	8
RH Max (%)	89	82	77	88	87
RH Min (%)	50	59	49	58	57
Wind Speed (Kmph)	12	9	10	10	8
Wind Direction (deg)	113	75	289	293	315

**Agromet Advisory**

**General advisory: Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places.**

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**TRANSPLANTED RICE:**

Considering the anticipated rainfall, paddy transplanting may be completed before 15th July. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

**Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.**

**Maize:**

Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up. Due to **extended period of cloudy and rainy weather** there may be chances of infestation of **Anthraxnose and bacterial stalk rot** disease in Maize, especially at seedling to vegetative stage. To control Anthraxnose apply some suitable Fungicide and to control Stalk rot apply Copper oxychloride based chemicals in dry days.

**VEGETABLES AND FRUITS:**

- Fruit and vine rot, leaf blight** of **pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- Due to Past 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.
- Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.
- Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

**Fruits:**

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

**Animal Husbandry:** Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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



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**Bulletin No.-311**  
**Date- 08/07/2022**

**AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA**

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

**The block received average 12mm and district received average 10mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C (-0.3°C from normal) and 26°C (+1.7°C from normal), respectively. Mean relative humidity was around 89-93%.

**Forecasted period: Today(8.30IST) to 13<sup>th</sup> July(8.30IST)2022**

**Weather Advisory:: Light to moderate rainfall is forecasted for today to Monday and Moderate with isolated heavy rainfall is forecasted for Tuesday in the block.** The day temperature will be 28-32°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-89% and 49-60% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	08/07/2022	09/07/2022	10/07/2022	11/07/2022	12/07/2022
Rainfall(mm)	13	9	10	27	35
T-Max(°C)	31	28	31	30	32
T-Min(°C)	25	24	26	25	25
Cloud Cover(octa)	4	8	8	8	8
RH Max (%)	89	82	77	88	87
RH Min (%)	50	60	49	58	56
Wind Speed (Kmph)	12	9	10	10	8
Wind Direction (deg)	113	75	289	293	315

**Agromet Advisory**

**General advisory:** Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places.

**Kharifrice:(DIRECT SEEDED RICE):**

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

**TRANSPLANTED RICE:**

Considering the anticipated rainfall, paddy transplanting may be completed before 15th July. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

**Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.**

**Maize:**

Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up. Due to **extended period of cloudy and rainy weather** there may be chances of infestation of **Anthraxnose and bacterial stalk rot** disease in Maize, especially at seedling to vegetative stage. To control Anthracnose apply some suitable Fungicide and to control Stalk rot apply Cupper oxychloride based chemicals in dry days.

**VEGETABLES AND FRUITS:**

- Fruit and vine rot, leaf blight** of **pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- Due to Past 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.
- Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.
- Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

**Fruits:**

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

**Animal Husbandry:**

Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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



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**Bulletin No.-311**  
**Date- 08/07/2022**

**AGROMET ADVISORY BULLETIN FOR BARANGA**

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

**The block received average 12mm and district received average 10mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C (-0.3°C from normal) and 26°C (+1.7°C from normal), respectively. Mean relative humidity was around 89-93%.

**Forecasted period: Today(8.30IST) to 13<sup>th</sup> July(8.30IST)2022**

**Weatheradvisory:; Light to moderate rainfall is forecasted for today to Monday and Moderate with isolated heavy rainfall is forecasted for Tuesday in the block.** The day temperature will be 28-32°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-86% and 47-59% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Baranga(VAID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	08/07/2022	09/07/2022	10/07/2022	11/07/2022	12/07/2022
Rainfall(mm)	10	9	7	26	35
T-Max(°C)	31	28	31	31	32
T-Min(°C)	26	25	27	26	26
Cloud Cover	4	8	8	8	7
RH Max (%)	86	79	74	85	84
RH Min (%)	49	59	47	55	54
Wind Speed (Kmph)	13	10	11	12	8
Wind Direction (deg)	90	75	214	298	338

**Agromet Advisory**

**General advisory: Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places.**

**Kharifrice:(DIRECT SEEDED RICE):**

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

**TRANSPLANTED RICE:**

Considering the anticipated rainfall, paddy transplanting may be completed before 15th July. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

**Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hezxaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.**

**Maize:**

Early sown crop is at 3 week stage. Go for hoeing and wedding. Apply 16 kg Nitrogen /ac followed by earthing up. Due to extended period of cloudy and rainy weather there may be chances of infestation of Anthracnose and bacterial stalk rot disease in Maize, especially at seedling to vegetative stage. To control Anthracnose apply some suitable Fungicide and to control Stalk rot apply Cupper oxychloride based chemicals in dry days.

**VEGETABLES AND FRUITS:**

- Fruit and vine rot, leaf blight of pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- Due to Past 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.
- Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.
- Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

**Fruits:**

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

**Animal Husbandry:**

Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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



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**Bulletin No.-311**  
**Date- 08/07/2022**

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

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

**The block received average 10mm and district received average 10mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C (-0.3°C from normal) and 26°C (+1.7°C from normal), respectively. Mean relative humidity was around 89-93%.

**Forecasted period: Today(8.30IST) to 13<sup>th</sup> July (8.30IST)2022**

**Weather advisory: Light to moderate rainfall is forecasted for today to Monday and Moderate with isolated heavy rainfall is forecasted for Tuesday in the block.** The day temperature will be 28-32°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-87% and 47-61% 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)				
Date	08/07/2022	09/07/2022	10/07/2022	11/07/2022	12/07/2022
Rainfall(mm)	9	8	9	24	31
T-Max(°C)	31	28	31	31	32
T-Min(°C)	26	25	27	26	26
Cloud Cover(octa)	3	8	8	8	7
RH Max (%)	87	81	76	85	84
RH Min (%)	49	61	47	55	54
Wind Speed (Kmph)	13	10	10	11	8
Wind Direction (deg)	90	75	214	298	342

**Agromet Advisory**

**General advisory: Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places.**

**Kharifrice:(DIRECT SEEDED RICE):**

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

**TRANSPLANTED RICE:**

Considering the anticipated rainfall, paddy transplanting may be completed before 15th July. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

**Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hezxaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.**

**Suagrcane:**

For **Red rot and wilt disease**, spray the crop with Mancozeb 0.3% or carbendazim 0.1% or Azoxystrobin 18.2%SC/ Difenconazole 11.45SC @ 1ml per liter water in dry days. weather is conducive for temperatures between 29-35 degree Celsius, humidity 60-70 %; this may favour the growth of Whiteflies in sugarcane; provide irrigation which facilitates the 12 soil moisture and reduces the multiplication; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyriphos @ 2.5ml/litre water.

**VEGETABLES AND FRUITS:**

- Fruit and vine rot, leaf blight of pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- Due to Past 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.
- Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre or Copper oxychloride@2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb@2g/litre and Azoxystrobin+Tebuconazole @0.6g/litre of water at 10 days interval.
- Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

**Fruits:** Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

**Animal Husbandry:** Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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



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**Bulletin No.-311**  
**Date- 08/07/2022**

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

**The block received average 15mm and district received average 10mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C (-0.3°C from normal) and 26°C (+1.7°C from normal), respectively. Mean relative humidity was around 89-93%.

**Forecasted period: Today(8.30IST) to 13<sup>th</sup> July(8.30IST)2022**

**Weather advisory: Light to moderate rainfall is forecasted for today to Monday and Moderate with isolated heavy rainfall is forecasted for Tuesday in the block.** The day temperature will be 29-32°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-86% and 49-58% 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)				
Date	08/07/2022	09/07/2022	10/07/2022	11/07/2022	12/07/2022
Rainfall(mm)	6	6	7	27	42
T-Max(°C)	31	29	30	30	32
T-Min(°C)	26	25	27	26	26
Cloud Cover(octa)	5	8	8	8	7
RH Max (%)	86	77	73	83	85
RH Min (%)	50	57	49	58	55
Wind Speed (Kmph)	14	11	11	12	8
Wind Direction (deg)	113	113	214	298	165

**Agromet Advisory**

**General advisory: Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places.**

**Kharifrice:(DIRECT SEEDED RICE):**

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

**TRANSPLANTED RICE:**

Considering the anticipated rainfall, paddy transplanting may be completed before 15th July. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

**Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.**

**Suagrcane:**

For **Red rot and wilt disease**, spray the crop with Mancozeb 0.3% or carbendazim 0.1% or Azoxystrobin 18.2%SC/ Difenconazole 11.45SC @ 1ml per liter water in dry days. weather is conducive for temperatures between 29-35 degree Celsius, humidity 60-70 %; this may favour the growth of **Whiteflies** in sugarcane; provide irrigation which facilitates the 12 soil moisture and reduces the multiplication; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyrifos @ 2.5ml/litre water.

**VEGETABLES AND FRUITS:**

- **Fruit and vine rot, leaf blight** of **pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- Due to Past 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.
- **Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.
- **Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

**Fruits:** Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

**Animal Husbandry:** Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

**Dr Sujata Sathy**  
**(Nodal officer)**



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**Bulletin No.-311**  
**Date- 08/07/2022**

**AGROMET ADVISORY BULLETIN FOR MAHANGA**

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

**The block received average 10mm and district received average 10mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C (-0.3°C from normal) and 26°C (+1.7°C from normal), respectively. Mean relative humidity was around 89-93%.

**Forecasted period: Today(8.30IST) to 13<sup>th</sup> July(8.30IST)2022**

**Weather advisory: Light to moderate rainfall is forecasted for today to Tuesday in the block.** The day temperature will be and it will be 28-31°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-85% and 48-61% 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)				
Date	08/07/2022	09/07/2022	10/07/2022	11/07/2022	12/07/2022
Rainfall(mm)	14	9	6	25	28
T-Max(°C)	31	28	31	31	31
T-Min(°C)	25	25	26	26	26
Cloud Cover(octal)	3	8	8	7	7
RH Max (%)	85	82	77	85	84
RH Min (%)	53	61	48	56	54
Wind Speed (Kmph)	15	9	10	8	8
Wind Direction (deg)	79	113	206	304	195

**Agromet Advisory**

**General advisory: Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places.**

**Kharifrice:(DIRECT SEEDED RICE):**

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

**TRANSPLANTED RICE:**

Considering the anticipated rainfall, paddy transplanting may be completed before 15th July. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

**Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.**

**Maize:** Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up. Due to extended period of cloudy and rainy weather there may be chances of infestation of Anthracnose and bacterial stalk rot disease in Maize, especially at seedling to vegetative stage. To control Anthracnose apply some suitable Fungicide and to control Stalk rot apply Copper oxychloride based chemicals in dry days.

**Jute:** Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds. 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 AND FRUITS:** Fruit and vine rot, leaf blight of pointed gourd may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day

- Due to Past 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.
  - Seedling rot is likely to appear in vegetable nursery after rain. Spray Metalaxyl + Mancozeb / Carboxin + Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
  - After cessation of rain, downy mildew disease will appear in cucurbits. To control it, go for alternate spray of Metalaxyl + Mancozeb @ 2g/litre and Azoxystrobin + Tebuconazole @ 0.6g/litre of water at 10 days interval.
  - Wilting may observe in tomato and brinjal field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of YMV in Ladies finger. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

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



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**Bulletin No.-311**  
**Date- 08/07/2022**

**AGROMET ADVISORY BULLETIN FOR NARASINGHPUR**

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

**The block received average 08mm and district received average 10mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C (-0.3°C from normal) and 26°C (+1.7°C from normal), respectively. Mean relative humidity was around 89-93%.

**Forecasted period: Today(8.30IST) to 13<sup>th</sup> July(8.30IST)2022**

**Weather advisory: Moderate rainfall is forecasted for upcoming 5 days in the block.** The day temperature will be 27-32°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 87-93% and 50-67% 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	08/07/2022	09/07/2022	10/07/2022	11/07/2022	12/07/2022
Rainfall(mm)	11	12	11	25	27
T-Max(°C)	30	27	32	29	31
T-Min(°C)	24	24	24	23	23
Cloud Cover(octa)	4	8	7	8	8
RH Max (%)	93	87	90	93	91
RH Min (%)	54	64	50	67	62
Wind Speed (Kmph)	9	6	8	8	7
Wind Direction (deg)	113	113	285	291	293

**Agromet Advisory**

**General advisory: Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places.**

**Kharifrice:(DIRECT SEEDED RICE):**

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

**TRANSPLANTED RICE:**

Considering the anticipated rainfall, paddy transplanting may be completed before 15th July. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

**Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.**

**Maize:**

Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up. Due to **extended period of cloudy and rainy weather** there may be chances of infestation of **Anthraxnose and bacterial stalk rot** disease in Maize, especially at seedling to vegetative stage. To control Anthraxnose apply some suitable Fungicide and to control Stalk rot apply Cupper oxychloride based chemicals in dry days.

**VEGETABLES AND FRUITS:**

- Fruit and vine rot, leaf blight of pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- Due to Past 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.
- Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.
- Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

**Fruits:** Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

**Animal Husbandry:** Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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



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**Bulletin No.-311**  
**Date- 08/07/2022**

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

**The block received average 07mm and district received average 10mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C (-0.3°C from normal) and 26°C (+1.7°C from normal), respectively. Mean relative humidity was around 89-93%.

**Forecasted period: Today(8.30IST) to 13<sup>th</sup> July(8.30IST)2022**

**Weather advisory: Light to moderate rainfall is forecasted for today to Monday and Moderate with isolated heavy rainfall is forecasted for Tuesday in the block.** The day temperature will be 29-32°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-85% and 49-60% 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)				
Date	08/07/2022	09/07/2022	10/07/2022	11/07/2022	12/07/2022
Rainfall(mm)	7	6	8	26	39
T-Max(°C)	31	29	31	30	32
T-Min(°C)	26	25	27	26	25
Cloud Cover(octa)	6	8	8	7	8
RH Max (%)	85	76	73	82	84
RH Min (%)	50	57	49	60	55
Wind Speed(Kmph)	14	11	12	12	9
Wind Direction(deg)	124	105	206	298	203

**Agromet Advisory**

**General advisory: Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places.**

**Kharifrice:(DIRECT SEEDED RICE):**

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

**TRANSPLANTED RICE:**

Considering the anticipated rainfall, paddy transplanting may be completed before 15th July. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

**Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.**

**Suagrcane:**

For **Red rot and wilt disease**, spray the crop with Mancozeb 0.3% or carbendazim 0.1% or Azoxystrobin 18.2%SC/ Difenconazole 11.45SC @ 1ml per liter water in dry days. weather is conducive for temperatures between 29-35 degree Celsius, humidity 60-70 %; this may favour the growth of Whiteflies in sugarcane; provide irrigation which facilitates the 12 soil moisture and reduces the multiplication; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyrifos @ 2.5ml/litre water.

**VEGETABLES AND FRUITS:**

- Fruit and vine rot, leaf blight** of pointed gourd may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- Due to Past 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.
- Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.
- Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

**Fruits:** Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

**Animal Husbandry:** Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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



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**Bulletin No.-311**  
**Date- 08/07/2022**

**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 10mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C (-0.3°C from normal) and 26°C (+1.7°C from normal), respectively. Mean relative humidity was around 89-93%.

**Forecasted period: Today(8.30IST) to 13<sup>th</sup> July(8.30IST)2022**

**Weather advisory:** *Light to moderate rainfall is forecasted for today to Monday and Moderate with isolated heavy rainfall is forecasted for Tuesday in the block.* The day temperature will be 28-31°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-85% and 48-59% 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	08/07/2022	09/07/2022	10/07/2022	11/07/2022	12/07/2022
Rainfall(mm)	10	9	8	26	32
T-Max(°C)	31	28	31	31	31
T-Min(°C)	26	25	27	26	26
Cloud Cover(octa)	3	8	8	7	7
RH Max (%)	85	80	76	84	84
RH Min (%)	51	59	48	56	54
Wind Speed (Kmph)	15	10	10	9	8
Wind Direction (deg)	135	117	206	300	195

**Agromet Advisory**

**General advisory:** *Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places.*

**Kharifrice:(DIRECT SEEDED RICE):**

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

**TRANSPLANTED RICE:**

Considering the anticipated rainfall, paddy transplanting may be completed before 15th July. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

**Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hezxaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.**

**Suagrcane:**

For **Red rot and wilt disease**, spray the crop with Mancozeb 0.3% or carbendazim 0.1% or Azoxystrobin 18.2% SC/ Difenconazole 11.45SC @ 1ml per liter water in dry days. weather is conducive for temperatures between 29-35 degree Celsius, humidity 60-70 %; this may favour the growth of Whiteflies in sugarcane; provide irrigation which facilitates the 12 soil moisture and reduces the multiplication; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyriphos @ 2.5ml/litre water.

**VEGETABLES AND FRUITS:**

- Fruit and vine rot, leaf blight** of **pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- Due to Past 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.
- Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.
- Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiomethoxam 25WG @ 60g/acre.

**Fruits:** Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

**Animal Husbandry:** Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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



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**Bulletin No.-311**  
**Date- 08/07/2022**

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

The block received average 4mm and district received average 10mm rainfall during the last week. The mean daily maximum and minimum temperature was 33°C (-0.3°C from normal) and 26°C (+1.7°C from normal), respectively. Mean relative humidity was around 89-93%.

**Forecasted period: Today(8.30IST) to 13<sup>th</sup> July(8.30IST)2022**

**Weather advisory:** *Light to moderate rainfall is forecasted for today to Tuesday in the block.* The day temperature will be 28-31°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-85% and 48-60% 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)				
Date	08/07/2022	09/07/2022	10/07/2022	11/07/2022	12/07/2022
Rainfall(mm)	10	8	8	27	30
T-Max(°C)	31	28	31	31	31
T-Min(°C)	26	25	27	26	26
Cloud Cover(octa)	3	8	8	8	7
RH Max (%)	85	80	76	84	84
RH Min (%)	50	60	48	56	55
Wind Speed (Kmph)	14	10	10	10	8
Wind Direction (deg)	79	117	206	300	195

**Agromet Advisory**

**General advisory:** *Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places.*

**Kharifrice:(DIRECT SEEDED RICE):**

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

**TRANSPLANTED RICE:**

Considering the anticipated rainfall, paddy transplanting may be completed before 15th July. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

*Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.*

**Maize:** Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up. Due to extended period of cloudy and rainy weather there may be chances of infestation of Anthracnose and bacterial stalk rot disease in Maize, especially at seedling to vegetative stage. To control Anthracnose apply some suitable Fungicide and to control Stalk rot apply Copper oxychloride based chemicals in dry days.

**Jute:** Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl @ 2ml/litre of water at 2-3 leaf stage of weeds. 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 AND FRUITS:**

- Fruit and vine rot, leaf blight** of pointed gourd may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
  - Due to Past 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.
  - Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl + Mancozeb / Carboxin + Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
  - After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl + Mancozeb @ 2g/litre and Azoxystrobin + Tebuconazole @ 0.6g/litre of water at 10 days interval.
  - Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

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



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**Bulletin No.-311**  
**Date- 08/07/2022**

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

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

**The block received average 13mm and district received average 10mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C (-0.3°C from normal) and 26°C (+1.7°C from normal), respectively. Mean relative humidity was around 89-93%.

**Forecasted period: Today(8.30IST) to 13<sup>th</sup> July(8.30IST)2022**

**Weather advisory: Light to moderate rainfall is forecasted for today to Tuesday in the block.** The day temperature will be 33-36°C and night temperature will be 29-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-82% and 51-63% 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)				
Date	08/07/2022	09/07/2022	10/07/2022	11/07/2022	12/07/2022
Rainfall(mm)	13	9	10	25	26
T-Max(°C)	35	33	36	35	35
T-Min(°C)	29	29	30	29	29
Cloud Cover(octa)	5	8	8	6	7
RH Max (%)	82	77	73	80	78
RH Min (%)	56	63	51	57	54
Wind Speed (Kmph)	17	12	12	10	10
Wind Direction (deg)	135	113	205	333	243

**Agromet Advisory**

**General advisory: Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places.**

**Kharrifrice:(DIRECT SEEDED RICE):**

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

**TRANSPLANTED RICE:**

Considering the anticipated rainfall, paddy transplanting may be completed before 15th July. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

**Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hexaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.**

**Maize:**

Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up. Due to **extended period of cloudy and rainy weather** there may be chances of infestation of **Anthraxnose and bacterial stalk rot** disease in Maize, especially at seedling to vegetative stage. To control Anthracnose apply some suitable Fungicide and to control Stalk rot apply Cupper oxychloride based chemicals in dry days.

**VEGETABLES AND FRUITS:**

- Fruit and vine rot, leaf blight** of **pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- Due to Past 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.
- Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.
- Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

**Fruits:** Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

**Animal Husbandry:** Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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



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**Bulletin No.-311**  
**Date- 08/07/2022**

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

**The block received average 06mm and district received average 10mm rainfall during the last week.** The mean daily maximum and minimum temperature was 33°C (-0.3°C from normal) and 26°C (+1.7°C from normal), respectively. Mean relative humidity was around 89-93%.

**Forecasted period: Today(8.30IST) to 13<sup>th</sup> July(8.30IST)2022**

**Weather advisory: Moderate rainfall is forecasted for upcoming 5 days in the block.** The day temperature will be 28-31°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-89% and 49-63% 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	08/07/2022	09/07/2022	10/07/2022	11/07/2022	12/07/2022
Rainfall(mm)	13	12	13	27	25
T-Max(°C)	31	28	31	30	31
T-Min(°C)	25	24	26	25	25
Cloud Cover(octa)	3	8	8	8	8
RH Max (%)	89	84	79	89	88
RH Min (%)	51	63	49	59	58
Wind Speed (Kmph)	12	9	9	9	8
Wind Direction (deg)	113	75	289	293	315

**Agro met Advisory**

**General advisory: Drain out excess water from rice nurseries, orchards, maize and jute fields. Postpone irrigation, intercultural operations, application of plant protection measures and fertilizers to the standing crops in upcoming 5 days. Keep the harvested produce at safer places.**

**Kharifrice:(DIRECT SEEDED RICE):**

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

**TRANSPLANTED RICE:**

Considering the anticipated rainfall, paddy transplanting may be completed before 15th July. Apply 400-gram Chlorantraniliprole 0.4 % G or 800-gram Cartap Hydrochloride 4% GR in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting

**Prevailing weather condition may lead to infestation of rice blast and BLB in rice nursery. If leaf blast is observed in nursery, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 0.4 g or Isoprothiolane 40EC @ 1.5 ml per litre of water. Repeat the spray at 7-10 days interval. Intermittent dry and wet weather condition, is favourable for incidence of BLB in early sown nursery the seedlings. Go for foliar spray of Hezxaconazole @ 1.5ml/l along with Plantomycin @ 1.0 g/l to prevent the spread of the disease.**

**Maize:**

Early sown crop is at 3 week stage. Go for hoeing and weeding. Apply 16 kg Nitrogen /ac followed by earthing up. Due to **extended period of cloudy and rainy weather** there may be chances of infestation of **Anthraxnose and bacterial stalk rot** disease in Maize, especially at seedling to vegetative stage. To control Anthraxnose apply some suitable Fungicide and to control Stalk rot apply Copper oxychloride based chemicals in dry days.

**VEGETABLES AND FRUITS:**

- Fruit and vine rot, leaf blight of pointed gourd** may observe. Remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in a sunny day
- Due to Past 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.
- Seedling rot** is likely to appear in vegetable nursery after rain. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre or Copper oxychloride @ 2.5g/litre of water to control it.
- After cessation of rain, **downy mildew disease** will appear in **cucurbits**. To control it, go for alternate spray of Metalaxyl+Mancozeb @ 2g/litre and Azoxystrobin+Tebuconazole @ 0.6g/litre of water at 10 days interval.
- Wilting** may observe in **tomato and brinjal** field, to control it drenching with Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water.
- Current weather favours spread of **YMV** in **Ladies finger**. In case of appearance of diseases, rogue out affected plants and spray Thiometoxam 25WG @ 60g/acre.

**Fruits:** Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

**Animal Husbandry:** Vaccination of livestock should be done. Animal shed should be corrected to protect from direct effect of rain and also should be freed from bushes, grasses and water stagnation.

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

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

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