

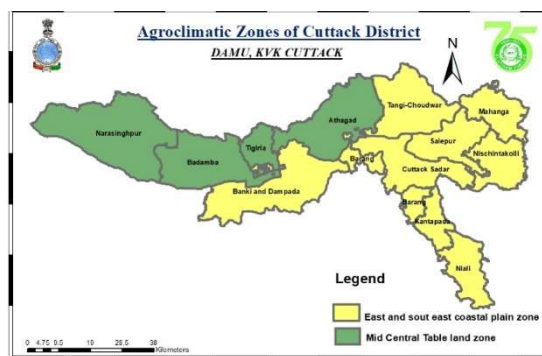


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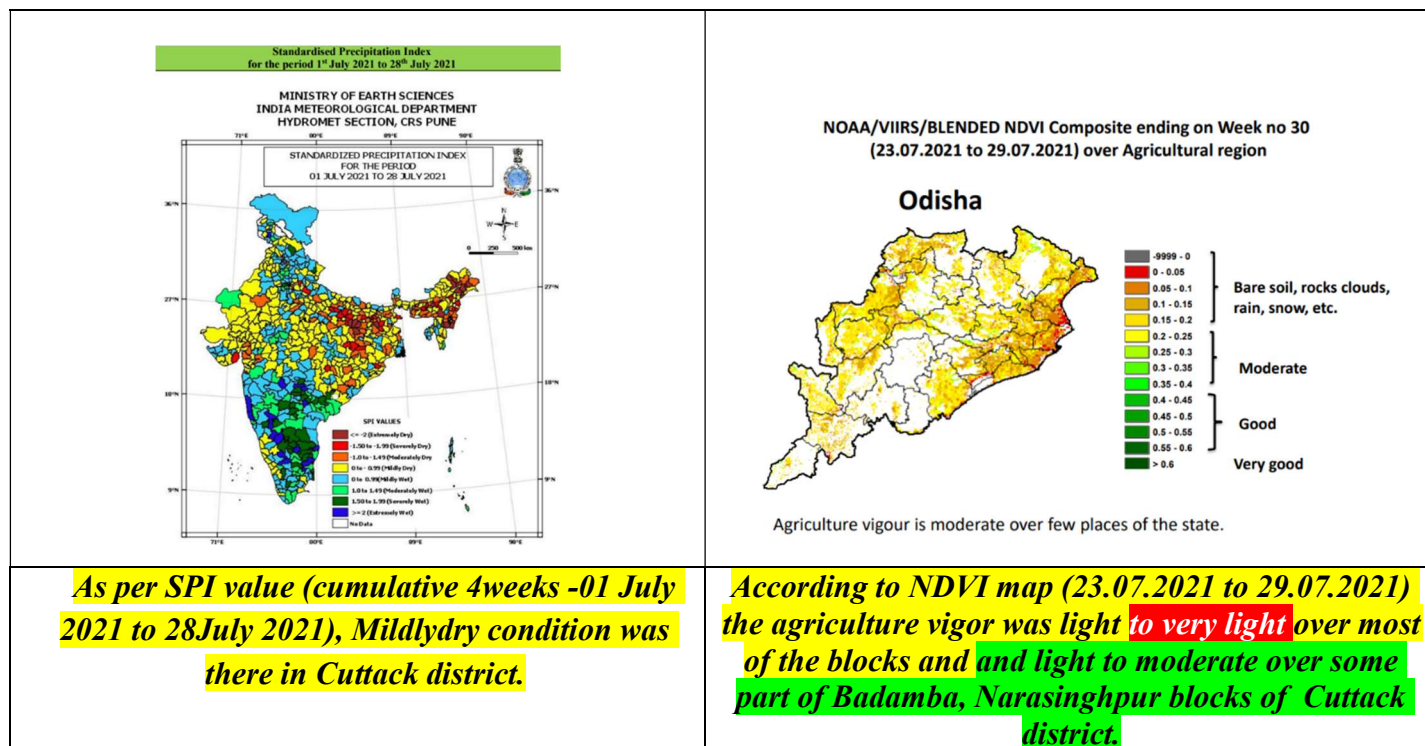


Bulletin No.-216
 Date- 03/08/2021

AGROCLIMATIC ZONES OF CUTTACK DISTRICT:



STANDARD PRECIPITATION INDEX AND NDVI MAP



LEGEND (Medium range block level rainfall forecast)		
	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 rainfall	66-115 mm
	Very heavy rainfall	116-205 mm
	Extremely heavy rainfall	>206 mm

Dr Sujata Sethy
 (Nodal officer)



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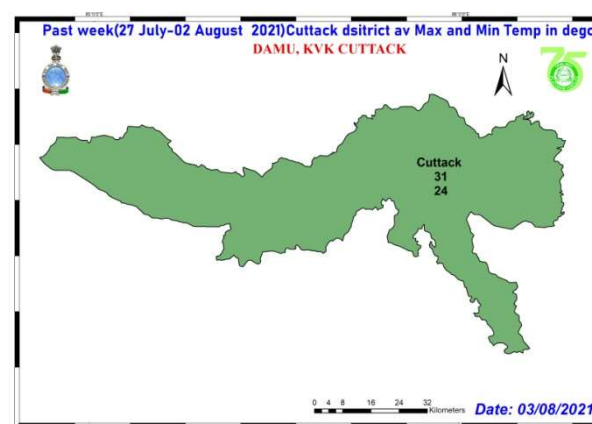
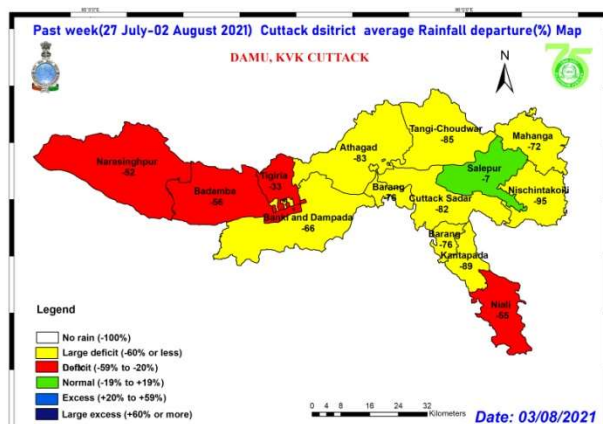


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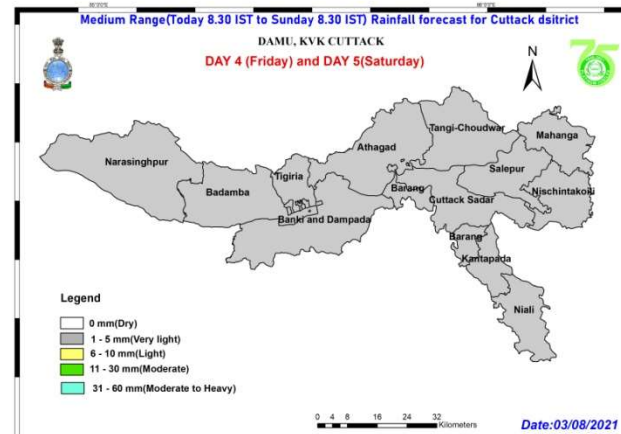
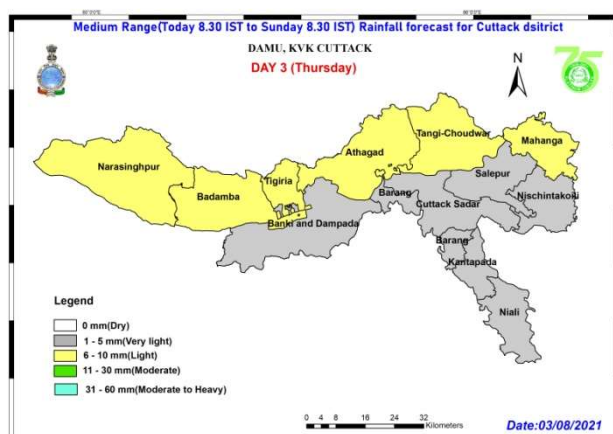
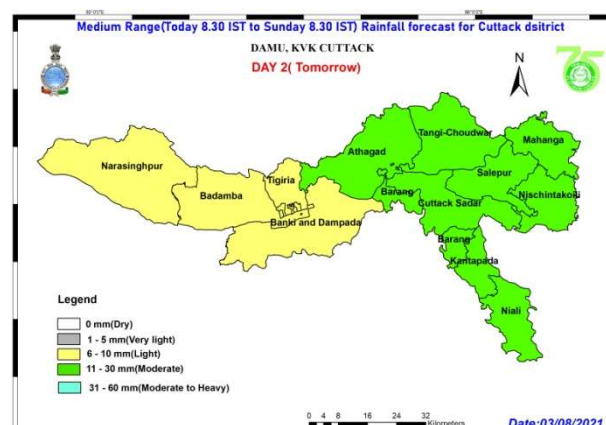
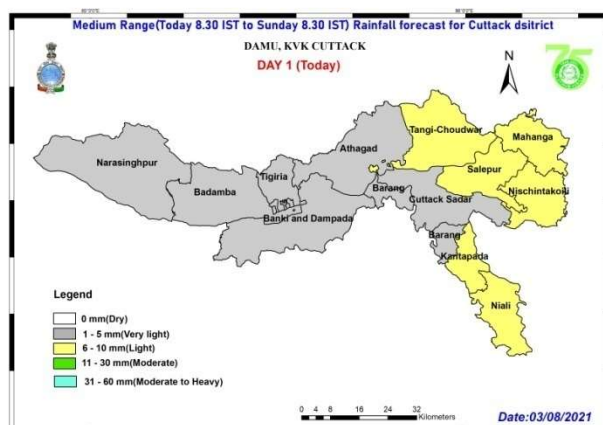


Bulletin No.-216
Date- 03/08/2021

Past week (27 July-02 August 2021) Cuttack district Rainfall and Temperature map



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



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Bulletin No.-216
Date- 03/08/2021

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	Nursery to transplanting		Sheath blight
2	Sugarcane	Vegetative to Tillering		Weeds
3	Maize	3-5 week stage		Stem fly
				Leaf blight
				Red hairy caterpillar
4	Brinjal, tomato, chilli	seedling		Seedling rot
				Stem rot
5	Tomato and brinjal	Fruting		Bacterial wilt
6	chilli	fruting		Leaf curl
7	okra	Fruting		Fruit and shoot borer
				White fly

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Bulletin No.-216
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				Jassid
8	Pointed gourd			Fruit rot
9	Banana			Sigatoka
10	Papaya			Yellow mosaic virus

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Bulletin No.-216
Date- 03/08/2021

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (8 th to 14 th August 2021)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	5.56	Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	1.26	Normal
	Minimum temperature	0.46	Normal

General Agromet Advisory:- There will be **normal rainfall in subsequent week after 5 days (4August - 14August 2021) in Odisha condition**, and there will be **light to moderate rainfall is forecasted for upcoming 5 days** farmers are advised to **go for transplanting or beushaning activity in this week.**

South-west Monsoon rainfall forecast for 2nd half (August and September) of the season and for the month of August ,2021

- Rainfall over the country as a whole during the second half (August to September period) of the 2021 southwest monsoon season is most likely to be normal (95 to 105 % of Long Period Average (LPA)) with a tendency to be in the positive side of the normal.
- Monthly rainfall for the 2021 August over the country as a whole is most likely to be normal (94 to 106 % of Long Period Average (LPA)).
- The spatial distribution of probabilistic forecasts for the tercile categories (above normal, normal and below normal) for the August to September rainfall is shown in Fig.1. The spatial distribution suggests that **below normal to normal rainfall** is likely over many parts of east parts (Odisha) of the country.
- The spatial distribution of probabilistic forecasts for the tercile categories (above normal, normal and below normal) for the August rainfall is shown in Fig.2. The spatial distribution suggests that also **below normal to normal rainfall** is likely over many parts of east parts (Odisha) of the country.
- *Hence Farmers should prepare the crop plan depending upon the land type, irrigation facility for transplanting of kharif rice.*

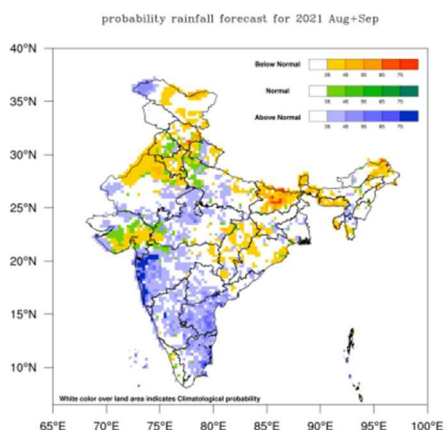


Fig.1. Probability forecast of tercile categories' (below normal, normal and above normal) of rainfall for the second half (August to September) of the 2021 southwest monsoon season over India. The figure illustrates the most likely categories as well as their probabilities. The white shaded areas within 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).

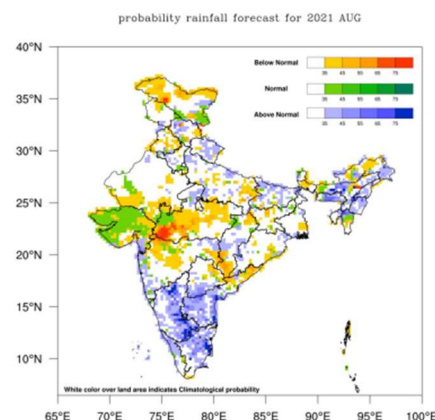


Fig.2. Probability forecast of tercile categories' (below normal, normal and above normal) for the 2021 August rainfall over India. The figure illustrates the most likely categories as well as their probabilities. The white shaded areas within the land area represent climatological probabilities. The 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.-216
Date- 03/08/2021

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 02mm and district received average 04mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Mean relative humidity of the district was around 86-79%.

Forecasted period: Today(8.30IST) to 08th August (8.30IST)2021

Weather advisory: *Moderate rainfall is forecasted for tomorrow and very light to light rainfall is forecasted for other 4 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.* The day temperature will be 33-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-84% and 46-54% 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	04/08/2021	05/08/2021	06/08/2021	07/08/2021	08/08/2021
Rainfall (mm)	4	13	8	5	3
T-Max (°C)	34	34	33	35	35
T-Min (°C)	26	26	27	27	27
Cloud Cover (octa)	8	8	8	8	6
RH Max (%)	78	84	75	74	78
RH Min (%)	47	53	54	48	46
Wind Speed (kmph)	13	8	13	13	11
Wind Direction (deg)	257	289	287	214	225

Agromet Advisory

General advisory: In view of the possibility of light to moderate rainfall tomorrow farmers are advised to provide adequate drainage facilities in standing kharif crops, vegetables and orchards. Drain out excess water and maintain optimum water level of 2.5 to 5 cm in transplanted rice fields.

Postpone intercultural operations, application of plant protection chemicals and fertilizers to the standing kharif crops in tomorrow.

Kharif rice: (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: 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds.

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

VEGETABLES: June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

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

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

Mango: July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnarekha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied only in dry days.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-216
Date- 03/08/2021

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 05mm and district received average 04mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Mean relative humidity of the district was around 86-79%.

Forecasted period: Today(8.30IST) to 08th August (8.30IST)2021

Weather advisory: Light rainfall is forecasted for tomorrow and Thursday and very light rainfall is forecasted for other 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 33-35°C and night temperature will be 26°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-80% and 45-51% 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	04/08/2021	05/08/2021	06/08/2021	07/08/2021	08/08/2021
Rainfall(mm)	3	6	9	3	2
T-Max(°C)	33	33	34	35	35
T-Min(°C)	26	26	26	26	26
Cloud Cover(octa)	8	8	8	8	5
RH Max (%)	74	80	75	72	74
RH Min (%)	48	50	51	46	45
Wind Speed (Kmph)	13	9	12	12	10
Wind Direction (deg)	257	293	259	214	225

Agromet Advisory

General advisory: In view of the possibility of light to moderate rainfall tomorrow farmers are advised to provide adequate drainage facilities in standing kharif crops, vegetables and orchards. Drain out excess water and maintain optimum water level of 2.5 to 5 cm in transplanted rice fields.

Postpone intercultural operations, application of plant protection chemicals and fertilizers to the standing kharif crops in tomorrow.

Kharif rice: (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: 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds.

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

VEGETABLES: June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Brinjal, tomato and chilli** seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leaf curl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenthiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam @ 0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

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

Mango: July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnakha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P₂O₅ and 60 g K₂O fertilizer should be applied only in dry days.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-216
Date- 03/08/2021

AGROMET ADVISORY BULLETIN FORBANKI

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

The district received average 04mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Mean relative humidity of the district was around 86-79%.

Forecasted period: Today(8.30IST) to 08th August (8.30IST)2021

Weather advisory: Light rainfall is forecasted for tomorrow and very light rainfall is forecasted for other 4 days in the block. **Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.** The day temperature will be 34-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-80% and 44-49% 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	04/08/2021	05/08/2021	06/08/2021	07/08/2021	08/08/2021
Rainfall(mm)	2	6	5	2	1
T-Max(°C)	34	34	34	35	35
T-Min(°C)	26	26	26	27	27
Cloud Cover(octa)	8	8	8	7	5
RH Max (%)	73	80	73	73	75
RH Min (%)	47	49	49	46	44
Wind Speed (Kmph)	13	9	14	13	12
Wind Direction (deg)	257	293	259	214	210

Agromet Advisory

General advisory: In view of the possibility of light to moderate rainfall tomorrow farmers are advised to provide adequate drainage facilities in standing kharif crops, vegetables and orchards. Drain out excess water and maintain optimum water level of 2.5 to 5 cm in transplanted rice fields. Postpone intercultural operations, application of plant protection chemicals and fertilizers to the standing kharif crops in tomorrow.

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: 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azosporillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds.

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

VEGETABLES: June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Brinjal , tomato and chilli** seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenthiuron @ 1g./L. of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiamethoxam @ 0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

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

Mango: July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnakha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied only in dry days.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-216
Date- 03/08/2021

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

District Past week average weather condition

The block received average 05mm and district received average 04mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Mean relative humidity of the district was around 86-79%.

Forecasted period: Today(8.30IST) to 08th August (8.30IST)2021

Weather Advisory: Light rainfall is forecasted for tomorrow and very light rainfall is forecasted for other 4 days in the block. **Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.** The day temperature will be 34-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-80% and 44-49% 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	04/08/2021	05/08/2021	06/08/2021	07/08/2021	08/08/2021
Rainfall(mm)	2	6	4	1	2
T-Max(°C)	34	34	34	35	35
T-Min(°C)	26	26	27	27	27
Cloud Cover(octa)	8	8	8	7	5
RH Max (%)	73	80	73	73	76
RH Min (%)	47	49	49	46	44
Wind Speed (Kmph)	13	9	13	13	12
Wind Direction (deg)	257	293	279	214	225

Agromet Advisory

General advisory: In view of the possibility of light to moderate rainfall tomorrow farmers are advised to provide adequate drainage facilities in standing kharif crops, vegetables and orchards. Drain out excess water and maintain optimum water level of 2.5 to 5 cm in transplanted rice fields. Postpone intercultural operations, application of plant protection chemicals and fertilizers to the standing kharif crops in tomorrow.

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: 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azosporillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds.

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

VEGETABLES: June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Brinjal , tomato and chilli** seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenthiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam @ 0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

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

Mango: July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnakha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied only in dry days.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-216
Date- 03/08/2021

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 03mm and district received average 04mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Mean relative humidity of the district was around 86-79%.

Forecasted period: Today(8.30IST) to 08th August (8.30IST)2021

Weather advisory: Light rainfall is forecasted for tomorrow and very light rainfall is forecasted for other 4 days in the block. **Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.** The day temperature will be 33-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-83% and 44-53% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/08/2021	05/08/2021	06/08/2021	07/08/2021	08/08/2021
Rainfall(mm)	3	7	3	2	3
T-Max(°C)	34	34	33	35	35
T-Min(°C)	27	26	27	27	27
Cloud Cover	8	8	8	7	5
RH Max (%)	74	83	73	72	77
RH Min (%)	45	53	52	47	44
Wind Speed (Kmph)	15	9	14	15	13
Wind Direction (deg)	259	293	285	214	210

Agromet Advisory

General advisory: In view of the possibility of light to moderate rainfall tomorrow farmers are advised to provide adequate drainage facilities in standing kharif crops, vegetables and orchards. Drain out excess water and maintain optimum water level of 2.5 to 5 cm in transplanted rice fields. Postpone intercultural operations, application of plant protection chemicals and fertilizers to the standing kharif crops in tomorrow.

Kharif rice: (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: 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azosporillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds.

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

VEGETABLES: June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Brinjal, tomato and chilli** seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenhiuron @ 1g./L. of water.
- To control **fruit and shoot borer** in okra, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam @ 0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

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

Mango: July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnakha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied only in dry days.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-216
Date- 03/08/2021

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 03mm and district received average 04mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Mean relative humidity of the district was around 86-79%.

Forecasted period: Today(8.30IST) to 08th August (8.30IST)2021

Weather advisory: *Moderate rainfall is forecasted for tomorrow and very light rainfall is forecasted for other 4 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.* The day temperature will be 33-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-84% and 45-55% 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	04/08/2021	05/08/2021	06/08/2021	07/08/2021	08/08/2021
Rainfall(mm)	4	12	4	2	3
T-Max(°C)	34	33	33	35	35
T-Min(°C)	27	26	26	27	27
Cloud Cover(octa)	8	8	8	7	5
RH Max (%)	75	84	74	73	80
RH Min (%)	46	55	54	47	45
Wind Speed (Kmph)	15	9	14	15	12
Wind Direction (deg)	257	288	290	214	210

Agromet Advisory

General advisory: In view of the possibility of light to moderate rainfall tomorrow farmers are advised to provide adequate drainage facilities in standing kharif crops, vegetables and orchards. Drain out excess water and maintain optimum water level of 2.5 to 5 cm in transplanted rice fields. Postpone intercultural operations, application of plant protection chemicals and fertilizers to the standing kharif crops in tomorrow.

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: 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azosporillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds.

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

VEGETABLES: June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Brinjal , tomato and chilli** seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenhiuron @ 1g./L of water.
- To control **fruit and shoot borer** in okra, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam @0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

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

Mango: July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnakha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied only in dry days.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-216
Date- 03/08/2021

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 02mm and district received average 04mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Mean relative humidity of the district was around 86-79%.

Forecasted period: Today(8.30IST) to 08th August (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for tomorrow and very light to light rainfall is forecasted for other 4 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 33-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-81% and 42-52% 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	04/08/2021	05/08/2021	06/08/2021	07/08/2021	08/08/2021
Rainfall(mm)	7	16	2	3	4
T-Max(°C)	34	33	34	35	35
T-Min(°C)	27	26	27	27	27
Cloud Cover(octa)	8	8	8	6	5
RH Max (%)	73	81	72	73	76
RH Min (%)	45	52	51	48	42
Wind Speed (Kmph)	16	9	15	16	13
Wind Direction (deg)	270	293	270	225	210

Agromet Advisory

General advisory: In view of the possibility of light to moderate rainfall tomorrow farmers are advised to provide adequate drainage facilities in standing kharif crops, vegetables and orchards. Drain out excess water and maintain optimum water level of 2.5 to 5 cm in transplanted rice fields. Postpone intercultural operations, application of plant protection chemicals and fertilizers to the standing kharif crops in tomorrow.

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: 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azosporillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds.

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

VEGETABLES: June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Brinjal, tomato and chilli** seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenthiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam @0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

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

Mango: July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnakha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied only in dry days.

Dr Sujata Sethy
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Bulletin No.-216
Date- 03/08/2021

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 04mm and district received average 04mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Mean relative humidity of the district was around 86-79%.

Forecasted period: Today(8.30IST) to 08th August (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for tomorrow and very light to light rainfall is forecasted for other 4 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 32-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-84% and 46-58% 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	04/08/2021	05/08/2021	06/08/2021	07/08/2021	08/08/2021
Rainfall(mm)	6	20	6	3	3
T-Max(°C)	34	32	32	35	35
T-Min(°C)	27	26	26	27	27
Cloud Cover(octal)	8	8	8	8	6
RH Max (%)	74	84	78	74	79
RH Min (%)	46	58	56	47	46
Wind Speed (Kmph)	17	12	16	16	14
Wind Direction (deg)	259	214	285	270	210

Agromet Advisory

General advisory: In view of the possibility of light to moderate rainfall tomorrow farmers are advised to provide adequate drainage facilities in standing kharif crops, vegetables and orchards. Drain out excess water and maintain optimum water level of 2.5 to 5 cm in transplanted rice fields. Postpone intercultural operations, application of plant protection chemicals and fertilizers to the standing kharif crops in tomorrow.

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: 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azosporillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds.

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

VEGETABLES: June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Brinjal, tomato and chilli** seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenthiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam @0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

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

Mango: July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnakha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied only in dry days.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-216
Date- 03/08/2021

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 06mm and district received average 04mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Mean relative humidity of the district was around 86-79%.

Forecasted period: Today(8.30IST) to 08th August (8.30IST)2021

Weather advisory: Moderate Light rainfall is forecasted for tomorrow and Thursday and very light rainfall is forecasted for other 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 32-35°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 73-83% and 44-51% 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	04/08/2021	05/08/2021	06/08/2021	07/08/2021	08/08/2021
Rainfall(mm)	2	6	10	1	1
T-Max(°C)	32	33	33	35	35
T-Min(°C)	25	24	24	25	25
Cloud Cover(/octa)	8	8	8	8	5
RH Max (%)	75	83	81	73	76
RH Min (%)	48	49	51	44	45
Wind Speed (Kmph)	11	8	10	9	8
Wind Direction (deg)	270	290	287	270	252

Agromet Advisory

General advisory: In view of the possibility of light to moderate rainfall tomorrow farmers are advised to provide adequate drainage facilities in standing kharif crops, vegetables and orchards. Drain out excess water and maintain optimum water level of 2.5 to 5 cm in transplanted rice fields. Postpone intercultural operations, application of plant protection chemicals and fertilizers to the standing kharif crops in tomorrow.

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: 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azosporillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds.

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

VEGETABLES: June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Brinjal , tomato and chilli** seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenhiuron @ 1g./L of water.
- To control **fruit and shoot borer** in okra, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam @ 0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

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

Mango: July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnakha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied only in dry days.

Dr Sujata Sethy
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR NIALI



Bulletin No.-216
Date- 03/08/2021

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

The block received average 06mm and district received average 04mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Mean relative humidity of the district was around 86-79%.

Forecasted period: Today(8.30IST) to 08th August (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for tomorrow and very light to light rainfall is forecasted for other 4 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 33-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-80% and 42-53% 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	04/08/2021	05/08/2021	06/08/2021	07/08/2021	08/08/2021
Rainfall(mm)	6	14	2	3	2
T-Max(°C)	34	33	34	34	35
T-Min(°C)	27	26	27	27	27
Cloud Cover(octa)	8	8	8	6	5
RH Max (%)	72	80	72	73	75
RH Min (%)	47	53	48	46	42
Wind Speed(Kmph)	16	10	16	17	15
Wind Direction(deg)	248	210	214	225	212

Agromet Advisory

General advisory: In view of the possibility of light to moderate rainfall tomorrow farmers are advised to provide adequate drainage facilities in standing kharif crops, vegetables and orchards. Drain out excess water and maintain optimum water level of 2.5 to 5 cm in transplanted rice fields. Postpone intercultural operations, application of plant protection chemicals and fertilizers to the standing kharif crops in tomorrow.

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: 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azosporillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds.

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

VEGETABLES: June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Brinjal , tomato and chilli** seedlings should be planted in the main field. Whenever **sucking pets** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenthiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam @0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

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

Mango: July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnakha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied only in dry days.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-216
Date- 03/08/2021

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AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 01mm and district received average 04mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Mean relative humidity of the district was around 86-79%.

Forecasted period: Today(8.30IST) to 08th August (8.30IST)2021

Weather advisory: *Moderate rainfall is forecasted for tomorrow and very light to light rainfall is forecasted for other 4 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.* The day temperature will be 32-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-85% and 45-58% 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	04/08/2021	05/08/2021	06/08/2021	07/08/2021	08/08/2021
Rainfall(mm)	6	21	4	4	4
T-Max(°C)	34	32	32	35	35
T-Min(°C)	27	26	26	27	27
Cloud Cover(octa)	8	8	8	7	6
RH Max (%)	75	85	76	74	79
RH Min (%)	45	58	54	47	45
Wind Speed (Kmph)	16	11	16	16	13
Wind Direction (deg)	259	206	285	270	210

Agromet Advisory

General advisory: In view of the possibility of light to moderate rainfall tomorrow farmers are advised to provide adequate drainage facilities in standing kharif crops, vegetables and orchards. Drain out excess water and maintain optimum water level of 2.5 to 5 cm in transplanted rice fields. Postpone intercultural operations, application of plant protection chemicals and fertilizers to the standing kharif crops in tomorrow.

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: 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azosporillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds.

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

VEGETABLES: June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Brinjal , tomato and chilli** seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenithiuron @ 1g./L of water.
- To control **fruit and shoot borer in okra**, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam @0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

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

Mango: July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnakha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied only in dry days.

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AGROMET ADVISORY BULLETIN FOR SALEPUR



Bulletin No.-216
Date- 03/08/2021

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

The block received average 12mm and district received average 04mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Mean relative humidity of the district was around 86-79%.

Forecasted period: Today(8.30IST) to 08th August (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for tomorrow and very light to light rainfall is forecasted for other 4 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 32-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-85% and 45-57% 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	04/08/2021	05/08/2021	06/08/2021	07/08/2021	08/08/2021
Rainfall(mm)	6	18	3	3	3
T-Max(°C)	34	32	32	35	35
T-Min(°C)	27	26	26	27	27
Cloud Cover(octa)	8	8	8	7	6
RH Max (%)	75	85	77	74	78
RH Min (%)	45	57	55	47	46
Wind Speed (Kmph)	16	10	15	16	13
Wind Direction (deg)	259	206	285	270	210

Agromet Advisory

General advisory: In view of the possibility of light to moderate rainfall tomorrow farmers are advised to provide adequate drainage facilities in standing kharif crops, vegetables and orchards. Drain out excess water and maintain optimum water level of 2.5 to 5 cm in transplanted rice fields. Postpone intercultural operations, application of plant protection chemicals and fertilizers to the standing kharif crops in tomorrow.

Kharif rice: (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: 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azosporillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds.

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

VEGETABLES: June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of rain, Chances of fruit rot infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever sucking pests incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for Upward and downward leaf curl in chilli. To control spray phosalon (Zolone) 3 ml. or diphenthiuron @ 1g./L of water.
- To control fruit and shoot borer in okra, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water. Present weather condition favours incidence of white fly and jassid. To control this apply Thiomethoxam @ 0.4g/ litre of water.
- Present weather may aggravate fruit rot in pointed gourd, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

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

Mango: July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnakha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. The pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P₂O₅ and 60 g K₂O fertilizer should be applied only in dry days.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-216
Date- 03/08/2021

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 02mm and district received average 04mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Mean relative humidity of the district was around 86-79%.

Forecasted period: Today(8.30IST) to 08th August (8.30IST)2021

Weather advisory: *Moderate rainfall is forecasted for tomorrow and very light to light rainfall is forecasted for other 4 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks.* The day temperature will be 31-36°C and night temperature will be 28-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-84% and 48-67% 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	04/08/2021	05/08/2021	06/08/2021	07/08/2021	08/08/2021
Rainfall(mm)	7	18	6	2	3
T-Max(°C)	35	31	35	36	36
T-Min(°C)	29	28	29	29	30
Cloud Cover(octa)	8	8	7	7	5
RH Max (%)	75	84	77	75	77
RH Min (%)	51	67	54	51	48
Wind Speed (Kmph)	19	11	19	20	18
Wind Direction (deg)	251	270	270	216	212

Agromet Advisory

General advisory: In view of the possibility of light to moderate rainfall tomorrow farmers are advised to provide adequate drainage facilities in standing kharif crops, vegetables and orchards. Drain out excess water and maintain optimum water level of 2.5 to 5 cm in transplanted rice fields. Postpone intercultural operations, application of plant protection chemicals and fertilizers to the standing kharif crops in tomorrow.

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: 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azosporillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds.

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

VEGETABLES: June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- **Brinjal , tomato and chilli** seedlings should be planted in the main field. Whenever **sucking pets** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like **seedling rot, stem rot and wilt** diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- The present weather conditions are favourable for **Upward and downward leafcurl** in chilli. To control spray phosalon (Zolone) 3 ml. or diphenthiuron @ 1g./L of water.
- To control **fruit and shoot borer** in okra, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of **white fly and jassid**. To control this apply Thiomethoxam @ 0.4g/ litre of water.
- Present weather may aggravate **fruit rot in pointed gourd**, to control it remove damaged fruit from the field and drain out excess water. Spray alternately Copper Oxychloride 50% WP (4 g/litre of water) and Metalaxyl 8% + Mancozeb 64% (3 g/litre of water)

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

Mango: July and August are ideal time of planting. Suitable varieties are amrapalli, dusseheri, chousa, baganpalli, totapuri, bombay green, suvarnakha, himsagar, etc. Seedling should be planted in pits at a distance of 10m x 10m. the pit size is 1m x 1m x 1m. One year old healthy grafted plant should be preferred. At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied only in dry days.

Dr Sujata Sethy
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR TIGIRIA



Bulletin No.-216
Date- 03/08/2021

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

The block received average 06mm and district received average 04mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 24°C, respectively. Mean relative humidity of the district was around 86-79%.

Forecasted period: Today(8.30IST) to 08th August (8.30IST)2021

Weather advisory: Moderate rainfall is forecasted for today and Tuesday and very light to light rainfall is forecasted for other 3 days in the block. Farmers should follow now-cast warnings for thunderstorm and lightning in their blocks. The day temperature will be 34-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-83% and 47-54% 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	04/08/2021	05/08/2021	06/08/2021	07/08/2021	08/08/2021
Rainfall(mm)	2	7	7	1	1
T-Max(°C)	34	34	34	35	35
T-Min(°C)	26	26	26	27	27
Cloud Cover(octa)	8	8	8	8	6
RH Max (%)	78	83	76	74	75
RH Min (%)	48	51	54	48	47
Wind Speed (Kmph)	13	8	13	12	11
Wind Direction (deg)	257	295	287	214	225

Agromet Advisory

General advisory: In view of the possibility of light to moderate rainfall tomorrow farmers are advised to provide adequate drainage facilities in standing kharif crops, vegetables and orchards. Drain out excess water and maintain optimum water level of 2.5 to 5 cm in transplanted rice fields.

Postpone intercultural operations, application of plant protection chemicals and fertilizers to the standing kharif crops in tomorrow.

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.

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VEGETABLES: June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

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Bulletin No.-216
Date- 03/08/2021

			
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- Kindly install and use **“Meghdoot mobile App”** for Cuttack district weather forecast, warnings and weather based agromet advisory services.

<https://play.google.com/store/apps/details?id=com.aas.meghdoot>

- Kindly install and use **“Damini mobile App”** for location specific for lightening forecast and warnings.

<https://play.google.com/store/apps/details?id=com.lightening.live.damini>

- Follow the **block specific whats app groups** and join in your block wise groups for getting weather based agromet advisory services twice in a week (Tuesday and Friday) and other weather warning based farm management advisories.
- Follow the **Official Website links** to get the weather based agromet advisory service bulletins (**English & Odia**) twice in a week (Tuesday and Friday).

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

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