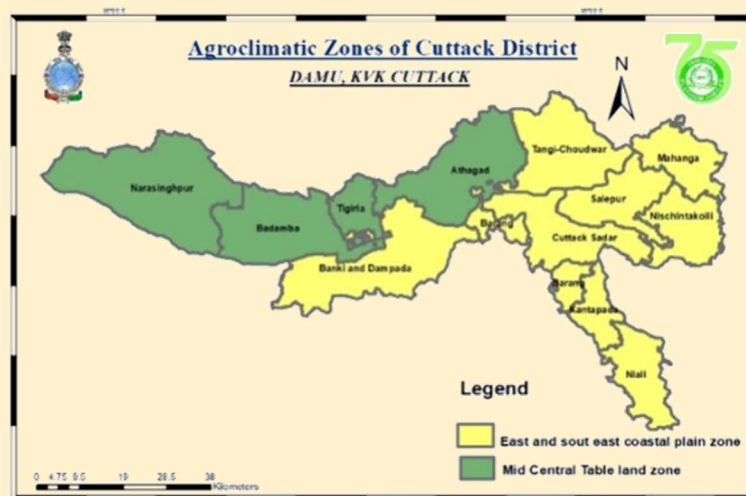




Cuttack District Block Wise Agro-met Advisory Service Bulletin

Tuesday 26th July, 2022
(For the period 26th to 30th July, 2022)



Issued by
District Agromet Unit,
KrishiVigyan Kendra Cuttack





GRAMIN KRISHI MAUSAM SEWA
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Bulletin No.-316
Date- 26/07/2022

STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p align="center">Standardised Precipitation Index for the period 16th June 2022 to 13th July 2022</p> <p align="center">MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CRS PUNE</p>	<p align="center">NOAA/VIIIRS/BLENDED NDVI Composite ending on Week no 29 (16.07.2022 to 22.07.2022) over Agricultural region</p> <p align="center">Odisha</p> <p align="center">Agriculture vigour could not be captured due to cloud covers as well as kharif sowings are under progress.</p>
<p><i>As per SPI value (cumulative 4weeks -16 June 2022 – 13 July2022), milddrycondition was there in Cuttack district.</i></p>	<p><i>According to NDVI map (16.07.2022 to 22.07.2022) the agriculture vigor was very light to light over most places of Cuttack district and light to moderate over isolated places of Badamba, Narasinghpur only.</i></p>

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 to very heavy rainfall	66-115 mm
	Extremely heavy rainfall	>116 mm

Dr Sujata Sethy
(Nodal officer)



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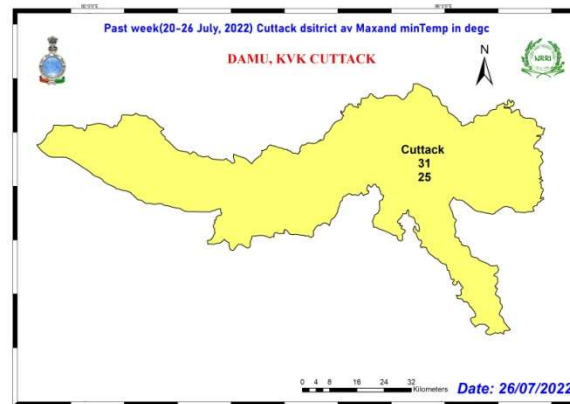
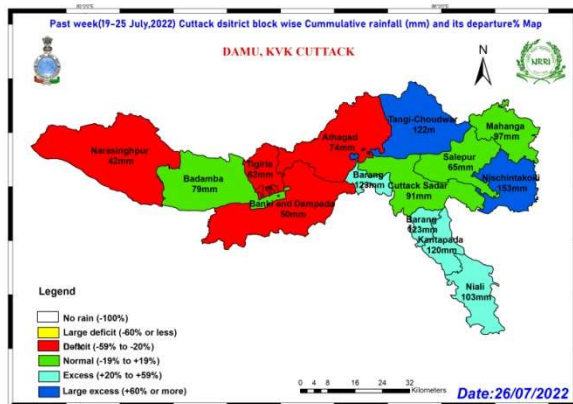


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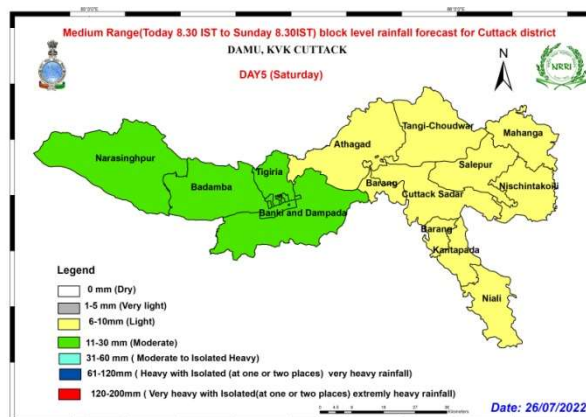
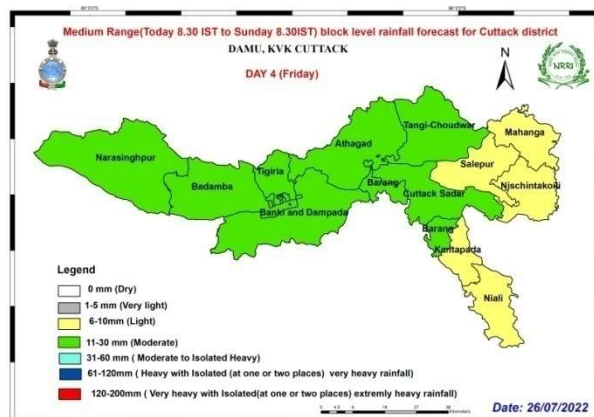
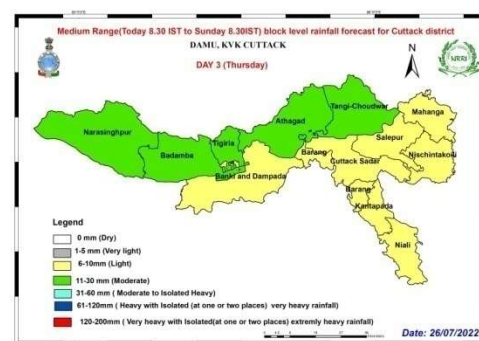
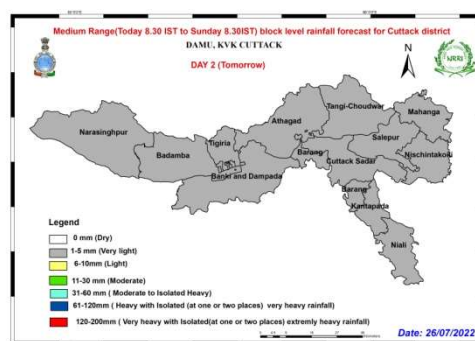
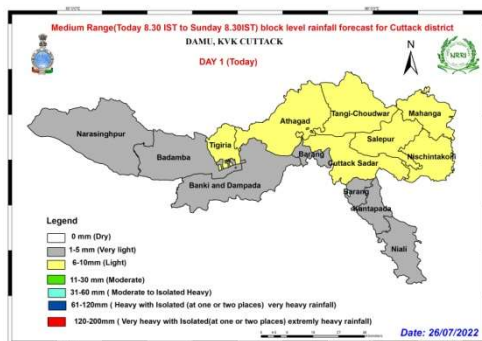


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Past week (19-25 July, 2022) cumulative rainfall departure% from normal and (20-26 July) average maximum and minimum temperature for Cuttack district



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



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Bulletin No.-316
Date- 26/07/2022

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (31 July-07 August 2022)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	-25.00	Below Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	1.55	Above Normal
	Minimum temperature	0.46	Normal

General Agromet Advisory:- There will be below normal rainfall and above normal max. temperature is forecasted in subsequent week after 5 days in Odisha condition, so farmers are advised to complete transplanting and beushaning activities in this week by utilizing the past rain water.

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

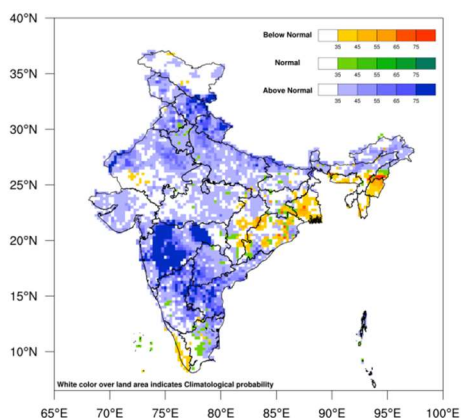


Fig.1. Updated Probability forecast of tercile categories* (below normal, normal, and above normal) of rainfall over India during monsoon season (June -September), 2022. The figure illustrates the most likely categories as well as their probabilities. The white shaded areas within the land area represent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

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

probability rainfall forecast for 2022 JUL

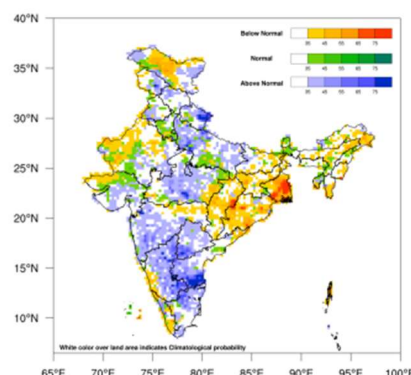


Fig.1. Probability forecast of tercile categories* (below normal, normal and above normal) for the rainfall over India during July 2022. The figure illustrates the most likely categories as well as their probabilities. The white shaded areas within the land area represent climatological probabilities.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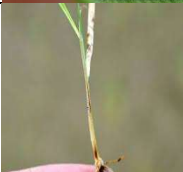










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Date- 26/07/2022

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		Thrips
				Seedling blight
				Sheath blight
2	Sugarcane	Vegetative to Tillering		Early shot borer
				Top borer
				Smut
				Inter node borer
3	Maize	5 week stage		Stem fly
				Leaf blight
3	Jute	30-50days		Stem rot

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 (Nodal officer)



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				Indigo caterpillar
4	Brinjal, tomato, chilli	seedling		Seedling rot
				Stem rot
5	Tomato and brinjal	Fruting		Bacterial wilt
6	chilli	fruting		thrips
				Leaf curl
7	okra	Fruting		Fruit and shoot borer
				White fly
				Jassid
8	Banana			Sigatoka
9	Papaya			Yellow mosaic virus

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Bulletin No.-316
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 11mm and district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 31st July(8.30IST)2022

Weather advisory: *Very light to light rainfall is forecasted for today and tomorrow and light to moderate rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be 30-34°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-89% and 49-64% 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	26/07/2022	27/07/2022	28/07/2022	29/07/2022	30/07/2022
Rainfall (mm)	10	2	11	12	9
T-Max (°C)	30	32	33	34	33
T-Min (°C)	24	25	26	26	26
Cloud Cover (octa)	7	6	7	8	8
RH Max (%)	89	83	84	80	81
RH Min (%)	64	48	49	50	50
Wind Speed (kmph)	11	15	11	11	13
Wind Direction (deg)	180	203	212	207	207

Agromet Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. **They should go for manual and chemical weeding in between upcoming 2 days.**

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 30th 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. Intermittent dry and wet weather condition, is favourable for incidence of **BLB** and **Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of **rice thrips** in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water.

Maize:

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.

ARHAR: In arhar crop, for early variety apply 35 kg DAP, 4 kg Urea and 14 kg MOP as basal fertilizer per acre and for late variety apply 52 kg DAP, 6 kg Urea and 14 kg MOP as basal fertilizer per acre in dry days.

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.**
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. 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.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-316
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 12mm and district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 31st July(8.30IST)2022

Weather advisory: *Very light to light rainfall is forecasted for today and tomorrow and light to moderate rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be 30-34°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-90% and 49-66% 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	26/07/2022	27/07/2022	28/07/2022	29/07/2022	30/07/2022
Rainfall(mm)	5	2	14	15	11
T-Max(°C)	30	32	33	34	34
T-Min(°C)	24	24	25	26	26
Cloud Cover(octa)	7	6	7	8	8
RH Max (%)	90	85	84	79	77
RH Min (%)	66	50	49	49	50
Wind Speed (Kmph)	11	13	10	9	11
Wind Direction (deg)	167	201	214	212	212

Agromet Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. **They should go for manual and chemical weeding in between upcoming 2 days.**

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 30th 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. Intermittent dry and wet weather condition, is favourable for incidence of **BLB** and **Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of **rice thrips** in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water.

Maize:

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/l or Dimethoate @ 2ml/l 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.

ARHAR: In arhar crop, for early variety apply 35 kg DAP, 4 kg Urea and 14 kg MOP as basal fertilizer per acre and for late variety apply 52 kg DAP, 6 kg Urea and 14 kg MOP as basal fertilizer per acre in dry days.

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.**
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. 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.

Fruits:

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-316
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 31st July(8.30IST)2022

Weather advisory:: *Very light to light rainfall is forecasted for today and tomorrow and light to moderate rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be 30-34°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-88% and 49-63% 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	26/07/2022	27/07/2022	28/07/2022	29/07/2022	30/07/2022
Rainfall(mm)	4	3	8	12	11
T-Max(°C)	30	32	33	34	34
T-Min(°C)	24	25	26	26	26
Cloud Cover(octa)	7	6	7	8	8
RH Max (%)	88	83	82	79	77
RH Min (%)	63	49	48	49	49
Wind Speed (Kmph)	12	15	12	12	14
Wind Direction (deg)	193	203	207	207	207

Agromet Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. They should go for manual and chemical weeding in between upcoming 2 days.

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 30th 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. Intermittent dry and wet weather condition, is favourable for incidence of **BLB** and **Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may led to infestation of **rice thrips** in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water.

Maize:

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.

ARHAR: In arhar crop, for early variety apply 35 kg DAP, 4 kg Urea and 14 kg MOP as basal fertilizer per acre and for late variety apply 52 kg DAP, 6 kg Urea and 14 kg MOP as basal fertilizer per acre in dry days.

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.**
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. 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.

Fruits:

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

Dr Sujata Sethy
(Nodal officer)



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INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
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Bulletin No.-316
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 7mm and district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 31st July(8.30IST)2022

Weather Advisory: Very light to light rainfall is forecasted for today and tomorrow and light to moderate rainfall/thundershower is forecasted for other 3 days in the block. The day temperature will be 30-34°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-88% and 48-63% 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	26/07/2022	27/07/2022	28/07/2022	29/07/2022	30/07/2022
Rainfall(mm)	5	2	10	15	11
T-Max(°C)	30	32	33	34	34
T-Min(°C)	24	25	26	26	26
Cloud Cover(octa)	7	6	7	8	8
RH Max (%)	88	83	83	80	78
RH Min (%)	63	49	48	49	49
Wind Speed (Kmph)	12	15	12	12	14
Wind Direction (deg)	193	203	207	207	207

Agromet Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. They should go for manual and chemical weeding in between upcoming 2 days.

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 30th 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. Intermittent dry and wet weather condition, is favourable for incidence of BLB and Sheath blight in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil SSC@2ml/l of water or Thiomethoxam@0.4g/ litre of water.

Maize:

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/l or Dimethoate @ 2ml/l 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.

ARHAR: In arhar crop, for early variety apply 35 kg DAP, 4 kg Urea and 14 kg MOP as basal fertilizer per acre and for late variety apply 52 kg DAP, 6 kg Urea and 14 kg MOP as basal fertilizer per acre in dry days.

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.
- Incidence of thrips may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. 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.

Fruits:

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

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Bulletin No.-316
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 18mm and district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 31st July(8.30IST)2022

Weather advisory: Very light to light rainfall is forecasted for today and tomorrow and light to moderate rainfall/thundershower is forecasted for other 3 days in the block. The day temperature will be 30-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-87% and 47-62% 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	26/07/2022	27/07/2022	28/07/2022	29/07/2022	30/07/2022
Rainfall(mm)	2	2	8	12	7
T-Max(°C)	30	32	34	34	34
T-Min(°C)	25	26	26	27	26
Cloud Cover	7	7	7	8	8
RH Max (%)	87	82	80	75	79
RH Min (%)	62	49	47	47	47
Wind Speed (Kmph)	10	16	15	15	17
Wind Direction (deg)	193	203	207	207	204

Agromet Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. They should go for manual and chemical weeding in between upcoming 2 days.

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 30th 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. Intermittent dry and wet weather condition, is favourable for incidence of **BLB** and **Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of **rice thrips** in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water.

Maize:

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.

ARHAR: In arhar crop, for early variety apply 35 kg DAP, 4 kg Urea and 14 kg MOP as basal fertilizer per acre and for late variety apply 52 kg DAP, 6 kg Urea and 14 kg MOP as basal fertilizer per acre in dry days.

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.**
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. 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.

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

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Bulletin No.-316
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 13mm and district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 31st July (8.30IST)2022

Weather advisory: *Very light to light rainfall is forecasted for today and tomorrow and light to moderate rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be 30-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-88% and 47-62% 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	26/07/2022	27/07/2022	28/07/2022	29/07/2022	30/07/2022
Rainfall(mm)	6	3	7	11	9
T-Max(°C)	30	32	34	34	34
T-Min(°C)	25	25	26	27	26
Cloud Cover(octa)	7	7	7	8	8
RH Max (%)	88	83	81	77	80
RH Min (%)	62	49	47	49	48
Wind Speed (Kmph)	10	15	13	14	16
Wind Direction (deg)	193	203	207	212	204

Agromet Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. **They should go for manual and chemical weeding in between upcoming 2 days.**

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 30th 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. Intermittent dry and wet weather condition, is favourable for incidence of **BLB** and **Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of **rice thrips** in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water.

Sugarcane: 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;; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyrifos @ 2.5ml/litre water. Present rainy weather favors infestation Wilt disease in Sugarcane, to control this drain out excess water and apply Cupper oxychloride 50.0% 3 gram per liter of water.

ARHAR :

In arhar crop, for early variety apply 35 kg DAP, 4 kg Urea and 14 kg MOP as basal fertilizer per acre and for late variety apply 52 kg DAP, 6 kg Urea and 14 kg MOP as basal fertilizer per acre in dry days.

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.**
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. 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.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-316
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 17mm and district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 31st July(8.30IST)2022

Weather advisory: *Very light to light rainfall is forecasted for today and tomorrow and light to moderate rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be 30-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-85% and 46-61% 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	26/07/2022	27/07/2022	28/07/2022	29/07/2022	30/07/2022
Rainfall(mm)	3	2	6	9	8
T-Max(°C)	30	32	34	34	34
T-Min(°C)	25	26	26	27	27
Cloud Cover(octa)	8	7	6	7	8
RH Max (%)	85	82	79	74	77
RH Min (%)	61	50	48	46	47
Wind Speed (Kmph)	10	16	17	17	19
Wind Direction (deg)	193	203	204	207	204

Agromet Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. **They should go for manual and chemical weeding in between upcoming 2 days.**

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 30th 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. Intermittent dry and wet weather condition, is favourable for incidence of **BLB** and **Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of **rice thrips** in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water.

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;; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyriphos @ 2.5ml/litre water. Present rainy weather favors infestation Wilt disease in Sugarcane, to control this drain out excess water and apply Copper oxychloride 50.0% 3 gram per liter of water.

ARHAR :

In arhar crop, for early variety apply 35 kg DAP, 4 kg Urea and 14 kg MOP as basal fertilizer per acre and for late variety apply 52 kg DAP, 6 kg Urea and 14 kg MOP as basal fertilizer per acre in dry days.

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.**
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. 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.

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

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Bulletin No.-316
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 14mm and district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 31st July(8.30IST)2022

Weather advisory: Very light to light rainfall is forecasted for today and tomorrow and light to moderate rainfall/thundershower is forecasted for other 3 days in the block. The day temperature will be and it will be 30-34°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-87% and 47-60% 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	26/07/2022	27/07/2022	28/07/2022	29/07/2022	30/07/2022
Rainfall(mm)	9	2	9	8	8
T-Max(°C)	30	31	34	34	34
T-Min(°C)	25	25	26	27	26
Cloud Cover(octal)	8	7	7	8	8
RH Max (%)	87	85	81	75	78
RH Min (%)	60	52	47	47	48
Wind Speed (Kmph)	9	16	16	16	18
Wind Direction (deg)	193	203	207	212	204

Agromet Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. They should go for manual and chemical weeding in between upcoming 2 days.

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 30th 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. Intermittent dry and wet weather condition, is favourable for incidence of **BLB** and **Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may led to infestation of **rice thrips** in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water.

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;; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyriphos @ 2.5ml/litre water. Present rainy weather favors infestation Wilt disease in Sugarcane, to control this drain out excess water and apply Copper oxychloride 50.0% 3 gram per liter of water.

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/liter of water. To control **indigo caterpillar** apply Spinosad (45% S.C) 0.3 ml/liter of water or Emamectin benzoate (5% SC) 0.5 gram per liter of 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.
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. 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.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-316
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 6mm and district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 31st July(8.30IST)2022

Weather advisory: *Very light to light rainfall is forecasted for today and tomorrow and light to moderate rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be 30-34°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-94% and 48-67% 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	26/07/2022	27/07/2022	28/07/2022	29/07/2022	30/07/2022
Rainfall(mm)	2	2	11	15	12
T-Max(°C)	30	32	33	34	33
T-Min(°C)	23	24	25	26	26
Cloud Cover(octa)	7	6	8	8	8
RH Max (%)	94	89	85	79	81
RH Min (%)	67	50	48	49	48
Wind Speed (Kmph)	9	9	7	7	7
Wind Direction (deg)	162	198	245	243	225

Agromet Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. **They should go for manual and chemical weeding in between upcoming 2 days.**

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 30th 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. Intermittent dry and wet weather condition, is favourable for incidence of **BLB** and **Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may led to infestation of **rice thrips** in rice nursery. Apply Fipronil SSC@2ml/l of water or Thiomethoxam@0.4g/ litre of water.

Maize:

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/l or Dimethoate @ 2ml/l 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.

ARHAR: In arhar crop, for early variety apply 35 kg DAP, 4 kg Urea and 14 kg MOP as basal fertilizer per acre and for late variety apply 52 kg DAP, 6 kg Urea and 14 kg MOP as basal fertilizer per acre in dry days.

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.**
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. 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.

Fruits:

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-316
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 15mm and district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 31st July(8.30IST)2022

Weather advisory: *Very light to light rainfall is forecasted for today and tomorrow and light to moderate rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be 30-33°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-84% and 48-61% 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	26/07/2022	27/07/2022	28/07/2022	29/07/2022	30/07/2022
Rainfall(mm)	1	1	6	6	8
T-Max(°C)	30	32	33	33	33
T-Min(°C)	25	26	26	27	27
Cloud Cover(octa)	8	7	6	7	8
RH Max (%)	84	81	80	74	76
RH Min (%)	61	52	50	48	49
Wind Speed(Kmph)	11	17	18	19	21
Wind Direction(deg)	193	203	204	203	204

Agromet Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. **They should go for manual and chemical weeding in between upcoming 2 days.**

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 30th 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. Intermittent dry and wet weather condition, is favourable for incidence of **BLB** and **Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of **rice thrips** in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water.

Sugarcane:

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;; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyriphos @ 2.5ml/litre water. Present rainy weather favors infestation Wilt disease in Sugarcane, to control this drain out excess water and apply Cupper oxychloride 50.0% 3 gram per liter of water.

ARHAR :

In arhar crop, for early variety apply 35 kg DAP, 4 kg Urea and 14 kg MOP as basal fertilizer per acre and for late variety apply 52 kg DAP, 6 kg Urea and 14 kg MOP as basal fertilizer per acre in dry days.

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.**
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. 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.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-316
Date- 26/07/2022

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

The block received average 22mm and district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 31st July(8.30IST)2022

Weather advisory: *Very light to light rainfall is forecasted for today and tomorrow and light to moderate rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be 30-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-86% and 45-59% 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	26/07/2022	27/07/2022	28/07/2022	29/07/2022	30/07/2022
Rainfall(mm)	8	2	6	7	7
T-Max(°C)	30	31	34	34	34
T-Min(°C)	25	25	26	27	26
Cloud Cover(octa)	8	7	7	8	8
RH Max (%)	86	85	81	75	77
RH Min (%)	59	52	47	47	48
Wind Speed (Kmph)	9	15	16	17	19
Wind Direction (deg)	193	203	207	207	204

Agromet Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. They should go for manual and chemical weeding in between upcoming 2 days.

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 30th 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. Intermittent dry and wet weather condition, is favourable for incidence of **BLB** and **Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of **rice thrips** in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water.

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;; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyriphos @ 2.5ml/litre water. Present rainy weather favors infestation Wilt disease in Sugarcane, to control this drain out excess water and apply Cupper oxychloride 50.0% 3 gram per liter of water.

ARHAR :

In arhar crop, for early variety apply 35 kg DAP, 4 kg Urea and 14 kg MOP as basal fertilizer per acre and for late variety apply 52 kg DAP, 6 kg Urea and 14 kg MOP as basal fertilizer per acre in dry days.

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.**
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. 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.

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-316
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 09mm and district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 31st July(8.30IST)2022

Weather advisory: *Very light to light rainfall is forecasted for today and tomorrow and light to moderate rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be 30-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-87% and 47-60% 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	26/07/2022	27/07/2022	28/07/2022	29/07/2022	30/07/2022
Rainfall(mm)	9	2	7	8	9
T-Max(°C)	30	31	34	34	34
T-Min(°C)	25	25	26	27	26
Cloud Cover(octa)	8	7	7	8	8
RH Max (%)	87	85	81	75	78
RH Min (%)	60	52	47	47	48
Wind Speed (Kmph)	10	15	16	16	18
Wind Direction (deg)	193	203	207	212	204

Agromet Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. They should go for manual and chemical weeding in between upcoming 2 days.

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 30th 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. Intermittent dry and wet weather condition, is favourable for incidence of **BLB** and **Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may lead to infestation of **rice thrips** in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water.

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;; spray Thiamethoxam 25 WG @ 125g/ha or apply Chloropyriphos @ 2.5ml/litre water. Present rainy weather favors infestation Wilt disease in Sugarcane, to control this drain out excess water and apply Cupper oxychloride 50.0% 3 gram per liter of water.

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. To control **indigo caterpillar** apply Spinosad (45% S.C) 0.3 ml/litre of water or Emamectin benzoate (5% SC) 0.5 gram per liter of 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.**
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. 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.

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

Dr Sujata Sethy
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Bulletin No.-316
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 17mm and district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 31st July(8.30IST)2022

Weather advisory: *Very light to light rainfall is forecasted for today and tomorrow and light to moderate rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be 32-34°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-82% and 56-64% 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	26/07/2022	27/07/2022	28/07/2022	29/07/2022	30/07/2022
Rainfall(mm)	8	2	11	13	10
T-Max(°C)	30	31	34	34	34
T-Min(°C)	25	25	26	27	26
Cloud Cover(octa)	8	7	6	7	8
RH Max (%)	81	82	78	76	77
RH Min (%)	64	59	57	56	56
Wind Speed (Kmph)	12	18	22	23	25
Wind Direction (deg)	198	203	203	203	203

Agromet Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. **They should go for manual and chemical weeding in between upcoming 2 days.**

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 30th 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. Intermittent dry and wet weather condition, is favourable for incidence of **BLB** and **Sheath blight** in early sown nursery seedlings. Go for foliar spray of Hexaconazole with Plantomycin@1.0 g/l to prevent the spread of the disease. Prevailing high temperature condition may led to infestation of **rice thrips** in rice nursery. Apply Fipronil SSC@2ml/l of water or Thiomethoxam@0.4g/ litre of water.

Maize:

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/l or Dimethoate @ 2ml/l 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.

ARHAR: In arhar crop, for early variety apply 35 kg DAP, 4 kg Urea and 14 kg MOP as basal fertilizer per acre and for late variety apply 52 kg DAP, 6 kg Urea and 14 kg MOP as basal fertilizer per acre in dry days.

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.**
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. 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.

Fruits:

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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-316
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 09mm and district received average 13mm rainfall during the last week. The mean daily maximum and minimum temperature was 31°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 31st July(8.30IST)2022

Weather advisory: *Very light to light rainfall is forecasted for today and tomorrow and light to moderate rainfall/thundershower is forecasted for other 3 days in the block.* The day temperature will be 30-34°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-89% and 49-66% 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	26/07/2022	27/07/2022	28/07/2022	29/07/2022	30/07/2022
Rainfall(mm)	7	2	12	15	11
T-Max(°C)	30	32	33	34	34
T-Min(°C)	24	25	26	26	26
Cloud Cover(octa)	7	6	8	8	8
RH Max (%)	89	84	84	79	80
RH Min (%)	66	49	49	49	51
Wind Speed (Kmph)	11	14	10	10	12
Wind Direction (deg)	180	203	214	207	207

Agro met Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. **They should go for manual and chemical weeding in between upcoming 2 days.**

Kharifrice:(DIRECT SEEDED RICE):

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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	Agromet division, IMD, Pune	https://imdagrmet.gov.in/imdproject/AGIndex.php	

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