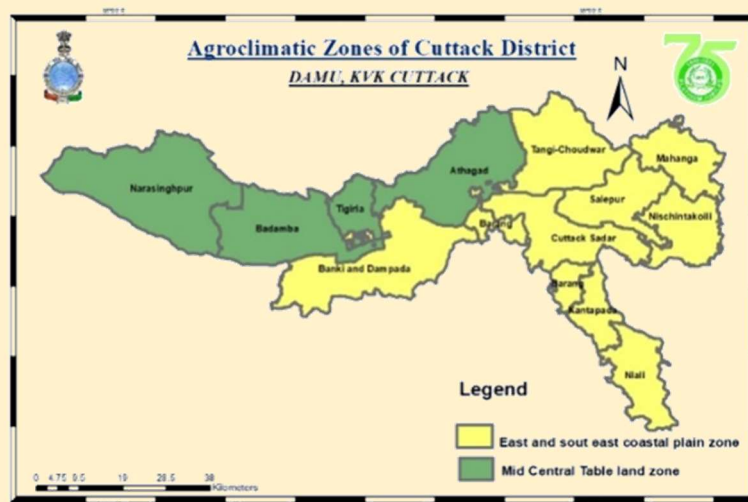




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Tuesday, 20th February, 2024
(For the period 20th to 24th February,
2024)*



*Issued by
District Agro-met Unit,
Krishi Vigyan Kendra Cuttack*





GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
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Bulletin No.-480
Date- 20/02/2024

STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p>Standardised Precipitation Index for the period 28th September to 25th October 2023</p> <p>As per SPI value (cumulative 4weeks -28 September to 25 October2023), Mildly drycondition was there in Cuttack district.</p>	<p>NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 06 (05.02.2024 to 11.02.2024) over Agricultural region</p> <p align="center">Odisha</p> <p>Agriculture vigor is moderate at few places of the state.</p> <p>According to NDVI map (05.02.2024 to 11.02.2024) the agriculture vigor was very light (<0.3 NDVI value) over many places of most of blocks which indicates harvested/fallow area over the region and light (0.3-0.4 NDVI Value)value over Banki-Dampada, Badamba which indicates near to harvest/Seedling stage of crops/Vegetables.</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

LEGEND (Past week temperature)		
Color code	Temperature	Departure
	Below Normal	< 2°C from normal
	Normal	-2°C to +2°C from normal
	Above Normal	>2°C from normal

DrRanjan Kumar Mohanta
(Nodal officer)



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Debasish Jena
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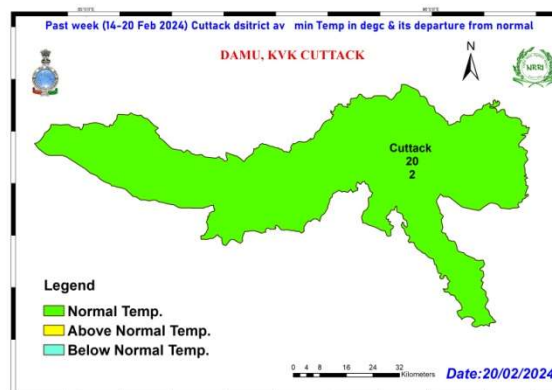
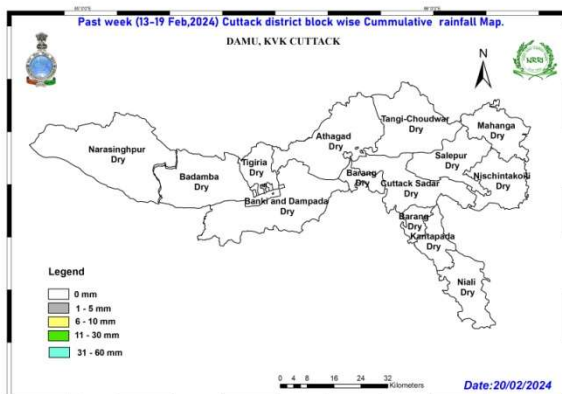
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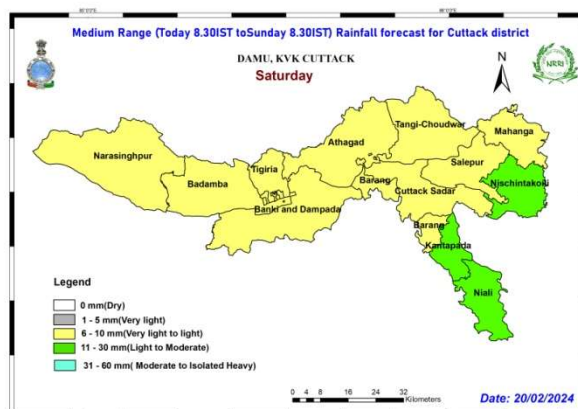
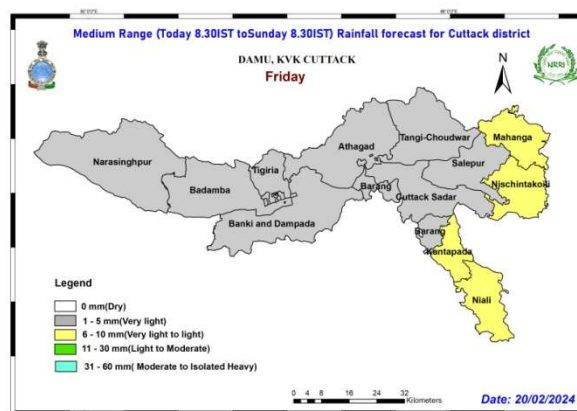
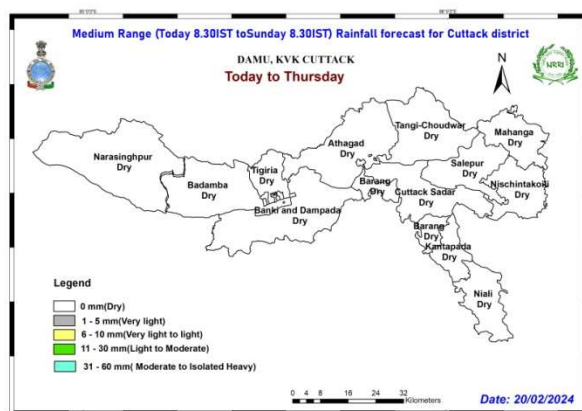
Bulletin No.-480

Date- 20/02/2024

Past week (13-19 Feb, 2024) cumulative rainfall (mm) and (14-20 Feb, 2024) average weekly minimum temperature and its departure from normal for Cuttack district



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



DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-480

Date- 20/02/2024

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	Pulses (Green gram and black gram)	Flowering to pod development		YMV
2	Mustard	Flowering to maturity		Saw Fly
				Leaf webber
3	Rabi Groundnut	Flowering to maturity		Spodotera/Tobacco caterpillar
				Red hairy caterpillar
6	Tomato	Flowering to Fruiting		Bacterial Canker
				Sun burn
				Flower drop
9	Cucurbits	Flowering to Fruiting stage		Whitefly
				Late blight
				Tender fruit drop
10	Mango	Flowering to fruiting		Mango fruit drop
11	Cashew	Flowering to fruiting		Tea mosquito bug

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Bulletin No.-480
Date- 20/02/2024

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **32.5°C (+0.43°C from normal)**and **20.4°C (+2.2°C from normal)**, respectively. Mean relative humidity of the district was around 63-85%.

Forecasted period: Today(8.30IST) to 25thFebruary (8.30IST)2024

Weather advisory:*Dry weather is forecasted for upcoming 3 days and very light to light rainfall is forecast for next 2 days in the block.*

The day temperature will be**30-34°C** and night temperature will be **22-23°C**for upcoming 5 days. Maximum and minimum relative humidity will be 69-95% and 16-35% respectively. **There will be clear to partly cloudy for next 5days.**

Block	Athagad(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2024	21/02/2024	22/02/2024	23/02/2024	24/02/2024
Rainfall (mm)	0	0	0	2	8
T-Max (°C)	34	34	34	33	30
T-Min (°C)	22	23	23	22	22
Cloud Cover (octa)	2	3	4	3	2
RH Max (%)	76	69	87	93	95
RH Min (%)	16	17	21	21	35
Wind Speed (kmph)	11	13	17	13	13
Wind Direction (deg)	207	203	203	205	113

Agromet Advisory

General Advisory: Provide light and frequent irrigation in upcoming 3 days and pause thereafter for 2 days (Due to anticipated light rain) to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

➤ Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.

➤ Use of biofertilizer like Azotobacter, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.

➤ To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.

➤ Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. **Do irrigation in the field based upon soil moisture.** Increase in temperature may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard:

Rainfed mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown. Present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.**

Fruits:

Mango: The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, **with the help of ring method of irrigation** apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

Cashew: Prevailing conditions are suitable for the incidence of **Tea mosquito bug**. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom:

Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry:

As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-480
Date- 20/02/2024

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AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **32.5°C (+0.43°C from normal)**and **20.4°C (+2.2°C from normal)**, respectively. Mean relative humidity of the district was around 63-85%.

Forecasted period: Today(8.30IST) to 25thFebruary (8.30IST)2024

Weatheradvisory: Dry weather is forecasted for upcoming 3 days and very light to light rainfall is forecast for next 2 days in the block. The day temperature will be **30-34°C**and night temperature will be **21-22°C**for upcoming 5 days. Maximum and minimum relative humidity will be 60-95% and 15-29% respectively. **There will be clear to partly cloudy for next 5 days.**

Block	Badamba(VAID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2024	21/02/2024	22/02/2024	23/02/2024	24/02/2024
Rainfall(mm)	0	0	0	2	6
T-Max(°C)	34	34	34	33	30
T-Min(°C)	21	22	22	21	21
Cloud Cover(octa)	1	2	4	3	1
RH Max (%)	68	60	80	85	95
RH Min (%)	15	15	21	20	29
Wind Speed (Kmph)	9	11	14	11	12
Wind Direction (deg)	191	204	191	206	135

Agromet Advisory

General Advisory: Provide light and frequent irrigation in upcoming 3 days and pause thereafter for 2 days (Due to anticipated light rain) to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

➤ **Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.**

➤ **Use of biofertilizer like Azotobacter, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.**

➤ **To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.**

➤ **Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.**

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. **Do irrigation in the field based upon soil moisture.** Increase in temperature may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard:

Rained mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown. Present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.**

Fruits:

Mango: The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, **with the help of ring method of irrigation** apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

Cashew: Prevailing conditions are suitable for the incidence of **Tea mosquito bug**. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom:

Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry:

As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-480
Date- 20/02/2024

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **32.5°C (+0.43°C from normal)**and **20.4°C (+2.2°C from normal)**, respectively. Mean relative humidity of the district was around 63-85%.

Forecasted period: Today(8.30IST) to 25thFebruary (8.30IST)2024

Weatheradvisory: *Dry weather is forecasted for upcoming 3 days and very light to light rainfall is forecast for next 2 days in the block.* The day temperature will be **31-35°C** and night temperature will be **22-23°C**for upcoming 5 days. Maximum and minimum relative humidity will be 68-95% and 16-33% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Banki(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2024	21/02/2024	22/02/2024	23/02/2024	24/02/2024
Rainfall(mm)	0	0	0	2	6
T-Max(°C)	34	35	34	34	31
T-Min(°C)	22	23	23	22	22
Cloud Cover(octa)	1	2	4	3	2
RH Max (%)	74	68	86	90	95
RH Min (%)	16	17	23	22	33
Wind Speed (Kmph)	11	15	17	14	12
Wind Direction (deg)	207	203	203	210	135

Agromet Advisory

General Advisory: Provide light and frequent irrigation in upcoming 3 days and pause thereafter for 2 days (Due to anticipated light rain) to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

➤ Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.

➤ Use of biofertilizer like Azotobactor, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.

➤ To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.

➤ Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

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Mustard:

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Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.**

Fruits:

Mango: The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, **with the help of ring method of irrigation** apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

Cashew: Prevailing conditions are suitable for the incidence of **Tea mosquito bug**. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

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Bulletin No.-480

Date- 20/02/2024

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **32.5°C (+0.43°C from normal)**and **20.4°C (+2.2°C from normal)**, respectively. Mean relative humidity of the district was around 63-85%.

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Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2024	21/02/2024	22/02/2024	23/02/2024	24/02/2024
Rainfall(mm)	0	0	0	1	6
T-Max(°C)	34	35	34	33	31
T-Min(°C)	22	23	23	22	22
Cloud Cover(octa)	1	2	4	3	1
RH Max (%)	74	69	87	91	95
RH Min (%)	16	17	23	22	34
Wind Speed (Kmph)	11	15	18	14	12
Wind Direction (deg)	207	203	203	205	135

Agromet Advisory

General Advisory: Provide light and frequent irrigation in upcoming 3 days and pause thereafter for 2 days (Due to anticipated light rain) to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

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Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.**

Fruits:

Mango: The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, **with the help of ring method of irrigation** apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

Cashew: Prevailing conditions are suitable for the incidence of **Tea mosquito bug**. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom:

Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry:

As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

DrRanjan Kumar Mohanta
(Nodal officer)



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Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



GRAMIN KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
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Bulletin No.-480
Date- 20/02/2024

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **32.5°C (+0.43°C from normal)** and **20.4°C (+2.2°C from normal)**, respectively. Mean relative humidity of the district was around 63-85%.

Forecasted period: Today(8.30IST) to 25th February(8.30IST)2024

Weatheradvisory: Dry weather is forecasted for upcoming 3 days and very light to light rainfall is forecast for next 2 days in the block.

The day temperature will be **30-35°C** and night temperature will be **23-24°C**for upcoming 5 days. Maximum and minimum relative humidity will be 76-94% and 19-41% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Baranga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2024	21/02/2024	22/02/2024	23/02/2024	24/02/2024
Rainfall(mm)	0	0	0	4	8
T-Max(°C)	34	35	33	33	30
T-Min(°C)	23	24	24	23	23
Cloud Cover	1	3	3	3	2
RH Max (%)	79	76	86	92	94
RH Min (%)	19	21	28	28	41
Wind Speed (Kmph)	14	21	23	16	12
Wind Direction (deg)	207	203	203	205	154

Agromet Advisory

General Advisory: Provide light and frequent irrigation in upcoming 3 days and pause thereafter for 2 days (Due to anticipated light rain) to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

➤ **Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.**

➤ **Use of biofertilizer like Azotobacter, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.**

➤ **To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.**

➤ **Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.**

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. **Do irrigation in the field based upon soil moisture.** Increase in temperature may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard:

Rainfed mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown. Present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.**

Fruits:

Mango: The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, **with the help of ring method of irrigation** apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

Cashew: Prevailing conditions are suitable for the incidence of **Tea mosquito bug**. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom:

Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry:

As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

DrRanjan Kumar Mohanta
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR



Bulletin No.-480

Date- 20/02/2024

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **32.5°C (+0.43°C from normal)** and **20.4°C (+2.2°C from normal)**, respectively. Mean relative humidity of the district was around 63-85%.

Forecasted period: Today(8.30IST) to 25thFebruary (8.30IST)2024

Weather advisory: Dry weather is forecasted for upcoming 3 days and very light to light rainfall is forecast for next 2 days in the block. The day temperature will be 29-34°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 74-95% and 17-40% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2024	21/02/2024	22/02/2024	23/02/2024	24/02/2024
Rainfall(mm)	0	0	0	5	8
T-Max(°C)	34	34	34	33	29
T-Min(°C)	23	25	24	23	23
Cloud Cover(octa)	2	3	4	3	2
RH Max (%)	77	74	87	93	95
RH Min (%)	17	19	24	24	40
Wind Speed (Kmph)	12	18	21	14	12
Wind Direction (deg)	207	203	203	205	154

Agromet Advisory

General Advisory: Provide light and frequent irrigation in upcoming 3 days and pause thereafter for 2 days (Due to anticipated light rain) to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

➤ Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.

➤ Use of biofertilizer like Azotobacter, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.

➤ To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.

➤ Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. **Do irrigation in the field based upon soil moisture.** Increase in temperature may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard:

Rainfed mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown. Present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.**

Fruits:

Mango: The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, **with the help of ring method of irrigation** apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

Cashew: Prevailing conditions are suitable for the incidence of **Tea mosquito bug**. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom:

Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry:

As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

DrRanjan Kumar Mohanta
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR KANTAPADA



Bulletin No.-480

Date- 20/02/2024

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **32.5°C (+0.43°C from normal)and 20.4°C (+2.2°C from normal)**, respectively. Mean relative humidity of the district was around 63-85%.

Forecasted period: Today(8.30IST) to 25thFebruary (8.30IST)2024

Weatheradvisory: Dry weather is forecasted for upcoming 3 days and very light to moderate rainfall is forecast for next 2 days in the block. The day temperature will be **30-34°C** and night temperature will be **23-25°C**for upcoming 5 days. Maximum and minimum relative humidity will be 77-92% and 23-43% respectively. **There will be clear to partly cloudy skyfor next 5days.**

Block	Kantapada(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2024	21/02/2024	22/02/2024	23/02/2024	24/02/2024
Rainfall(mm)	0	0	0	6	11
T-Max(°C)	34	34	32	33	30
T-Min(°C)	25	25	25	23	23
Cloud Cover(octa)	1	2	1	2	2
RH Max (%)	78	77	83	89	92
RH Min (%)	23	25	35	36	43
Wind Speed (Kmph)	17	24	25	18	11
Wind Direction (deg)	207	203	203	203	152

Agromet Advisory

General Advisory: Provide light and frequent irrigation in upcoming 3 days and pause thereafter for 2 days (Due to anticipated light rain) to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

➤ **Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.**

➤ **Use of biofertilizer like Azotobactor, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.**

➤ **To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.**

➤ **Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.**

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. **Do irrigation in the field based upon soil moisture.** Increase in temperature may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard:

Rainfed mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown. Present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.**

Fruits:

Mango: The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, **with the help of ring method of irrigation** apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

Cashew: Prevailing conditions are suitable for the incidence of **Tea mosquito bug**. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom:

Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry:

As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

DrRanjan Kumar Mohanta
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR MAHANGA



Bulletin No.-480

Date- 20/02/2024

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **32.5°C (+0.43°C from normal)and 20.4°C (+2.2°C from normal)**, respectively. Mean relative humidity of the district was around 63-85%.

Forecasted period: Today(8.30IST) to 25thFebruary (8.30IST)2024

Weatheradvisory:: Dry weather is forecasted for upcoming 3 days and very light to light rainfall is forecast for next 2 days in the block.The day temperature will be and it will be 29-35°C and night temperature will be 22-25°Cfor upcoming 5 days. Maximum and minimum relative humidity will 70-92% and 20-44% respectively. **There will be clear to partly cloudyfor next 5days.**

Block	Mahanga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2024	21/02/2024	22/02/2024	23/02/2024	24/02/2024
Rainfall(mm)	0	0	0	6	8
T-Max(°C)	34	35	34	34	29
T-Min(°C)	23	25	24	23	22
Cloud Cover(octal)	1	3	3	2	1
RH Max (%)	74	70	82	87	92
RH Min (%)	20	21	29	29	44
Wind Speed (Kmph)	14	22	25	14	12
Wind Direction (deg)	225	204	203	210	154

Agro-met Advisory

General Advisory: Provide light and frequent irrigation in upcoming 3 days and pause thereafter for 2 days (Due to anticipated light rain) to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.

Use of biofertilizer like Azotobacter, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.

To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.

Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. **Do irrigation in the field based upon soil moisture.**Increase in temperature may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard:

Rainfed mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown. Present weather may favour the infestation of **saw fly, leaf Webber**.To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later.Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn.

Potato:The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.**

Fruits:

Mango: The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, **with the help of ring method of irrigation** apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

Cashew: Prevailing conditions are suitable for the incidence of **Tea mosquito bug**. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom:

Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry:

As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-480
Date- 20/02/2024

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AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **32.5°C (+0.43°C from normal)**and **20.4°C (+2.2°C from normal)**, respectively. Mean relative humidity of the district was around 63-85%.

Forecasted period: Today(8.30IST) to 25thFebruary (8.30IST)2024

Weatheradvisory: Dry weather is forecasted for upcoming 3 days and very light to light rainfall is forecast for next 2 days in the block.The day temperaturewill be **31-34°C** and night temperature will be **19-22°C**for upcoming 5 days. Maximum and minimum relative humidity will be 50-96% and 13-24% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Narasinghpur(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2024	21/02/2024	22/02/2024	23/02/2024	24/02/2024
Rainfall(mm)	0	0	0	1	6
T-Max(°C)	34	34	33	32	31
T-Min(°C)	21	22	22	19	19
Cloud Cover(/octa)	0	1	5	2	1
RH Max (%)	59	50	67	78	96
RH Min (%)	15	13	19	19	24
Wind Speed (Kmph)	6	8	9	8	8
Wind Direction (deg)	203	207	162	244	90

Agromet Advisory

General Advisory: Provide light and frequent irrigation in upcoming 3 days and pause thereafter for 2 days (Due to anticipated light rain) to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

➤ **Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.**

➤ **Use of biofertilizer like Azotobactor, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.**

➤ **To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.**

➤ **Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.**

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. **Do irrigation in the field based upon soil moisture.**Increase in temperature may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard:

Rainfed mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown. Present weather may favour the infestation of **saw fly, leaf Webber**.To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boronor due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later.Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Darners should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn.

Potato:The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.**

Fruits:

Mango: The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, **with the help of ring method of irrigation** apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

Cashew: Prevailing conditions are suitable for the incidence of **Tea mosquito bug**. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom:

Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry:

- As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

DrRanjan Kumar Mohanta
(Nodal officer)



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Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



GRAMIN KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
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Bulletin No.-480
Date- 20/02/2024

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **32.5°C (+0.43°C from normal)**and **20.4°C (+2.2°C from normal)**, respectively. Mean relative humidity of the district was around 63-85%.

Forecasted period: Today(8.30IST) to 25thFebruary (8.30IST)2024

Weatheradvisory: *Dry weather is forecasted for upcoming 3 days and very light to moderate rainfall is forecast for next 2 days in the block.* The day temperature will be **30-34°C** and night temperature will be **23-25°C**for upcoming 5 days. Maximum and *minimum* relative humidity will be 77-91% and 27-46% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Niali(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2024	21/02/2024	22/02/2024	23/02/2024	24/02/2024
Rainfall(mm)	0	0	0	7	11
T-Max(°C)	34	34	32	33	30
T-Min(°C)	25	25	25	23	23
Cloud Cover(octa)	0	1	1	2	1
RH Max (%)	78	77	83	87	91
RH Min (%)	27	31	41	43	46
Wind Speed(Kmph)	19	26	25	18	11
Wind Direction(deg)	204	203	203	205	153

Agromet Advisory

General Advisory: Provide light and frequent irrigation in upcoming 3 days and pause thereafter for 2 days (Due to anticipated light rain) to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

- Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.
- Use of biofertilizer like Azotobactor, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.
- To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.
- Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. **Do irrigation in the field based upon soil moisture.** Increase in temperature may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard:

Rainfed mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown. Present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.**

Fruits:

Mango: The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, **with the help of ring method of irrigation** apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

Cashew: Prevailing conditions are suitable for the incidence of **Tea mosquito bug**. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom:

Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry:

As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

DrRanjan Kumar Mohanta
(Nodal officer)



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AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI



Bulletin No.-480

Date- 20/02/2024

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **32.5°C (+0.43°C from normal)**and **20.4°C (+2.2°C from normal)**, respectively. Mean relative humidity of the district was around 63-85%.

Forecasted period: Today(8.30IST) to 25thFebruary (8.30IST)2024

Weatheradvisory: Dry weather is forecasted for upcoming 3 days and very light to moderate rainfall is forecast for next 2 days in the block.The day temperature will be **29-35°C** and night temperature will be**22-25°C**for upcoming 5 days. Maximum and minimum relative humidity will be72-93% and 21-44% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Nischintakoili(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2024	21/02/2024	22/02/2024	23/02/2024	24/02/2024
Rainfall(mm)	0	0	0	6	11
T-Max(°C)	34	35	34	34	29
T-Min(°C)	23	25	24	23	22
Cloud Cover(octa)	1	3	3	2	1
RH Max (%)	75	72	82	88	93
RH Min (%)	21	22	31	31	44
Wind Speed (Kmph)	15	23	25	15	11
Wind Direction (deg)	214	203	203	210	154

Agromet Advisory

General Advisory: Provide light and frequent irrigation in upcoming 3 days and pause thereafter for 2 days (Due to anticipated light rain) to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

➤ Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.

➤ Use of biofertilizer like Azotobacter, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.

➤ To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.

➤ Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. **Do irrigation in the field based upon soil moisture.**Increase in temperature may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard:

Rainfed mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown. Present weather may favour the infestation of **saw fly, leaf Webber**.To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later.Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Farmers should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn.

Potato:The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.**

Fruits:

Mango: The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, **with the help of ring method of irrigation** apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

Cashew: Prevailing conditions are suitable for the incidence of **Tea mosquito bug**. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom:

Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry:

• As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-480
Date- 20/02/2024

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **32.5°C (+0.43°C from normal)and 20.4°C (+2.2°C from normal)**, respectively. Mean relative humidity of the district was around 63-85%.

Forecasted period: Today(8.30IST) to 25thFebruary (8.30IST)2024

Weather advisory: *Dry weather is forecasted for upcoming 3 days and very light to light rainfall is forecast for next 2 days in the block.* The day temperature will be 29-35°C and night temperature will be 22-25°Cfor upcoming 5 days. Maximum and minimum relative humidity will be72-93% and20-43% respectively. **There will be clear to partly cloudy skyfor next 5days.**

Block	Salepur(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2024	21/02/2024	22/02/2024	23/02/2024	24/02/2024
Rainfall(mm)	0	0	0	5	9
T-Max(°C)	34	35	34	33	29
T-Min(°C)	23	25	24	23	22
Cloud Cover(octa)	1	3	3	2	2
RH Max (%)	75	72	83	89	93
RH Min (%)	20	21	29	30	43
Wind Speed (Kmph)	14	23	25	15	11
Wind Direction (deg)	225	203	203	210	154

Agromet Advisory

General Advisory: Provide light and frequent irrigation in upcoming 3 days and pause thereafter for 2 days (Due to anticipated light rain) to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

➤ Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.

➤ Use of biofertilizer like Azotobactor, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.

➤ To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.

➤ Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. **Do irrigation in the field based upon soil moisture.** Increase in temperature may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard:

Rained mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown. Present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Darners should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.**

Fruits:

Mango: The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, **with the help of ring method of irrigation** apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

Cashew: Prevailing conditions are suitable for the incidence of **Tea mosquito bug**. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom:

Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry:

- As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-480

Date- 20/02/2024

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **32.5°C (+0.43°C from normal)** and **20.4°C (+2.2°C from normal)**, respectively. Mean relative humidity of the district was around 63-85%.

Forecasted period: Today(8.30IST) to 25th February (8.30IST)2024

Weatheradvisory:: Dry weather is forecasted for upcoming 3 days and very light to light rainfall is forecast for next 2 days in the block. The day temperature will be **31-34°C** and night temperature will be **24-26°C** for upcoming 5 days. Maximum and minimum relative humidity will be 77-89% and 37-53% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2024	21/02/2024	22/02/2024	23/02/2024	24/02/2024
Rainfall(mm)	0	0	0	5	7
T-Max(°C)	34	34	33	33	31
T-Min(°C)	25	26	26	25	24
Cloud Cover(octa)	0	0	1	2	2
RH Max (%)	80	77	80	87	89
RH Min (%)	43	37	48	53	53
Wind Speed (Kmph)	22	28	27	17	12
Wind Direction (deg)	204	203	203	205	158

Agromet Advisory

General Advisory: Provide light and frequent irrigation in upcoming 3 days and pause thereafter for 2 days (Due to anticipated light rain) to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.

➤ Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.

➤ Use of biofertilizer like Azotobacter, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.

➤ To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.

➤ Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. **Do irrigation in the field based upon soil moisture.** Increase in temperature may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard:

Rained mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown. Present weather may favour the infestation of **saw fly, leaf Webber**. To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boron or due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later. Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Darners should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn.

Potato: The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of Odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.**

Fruits:

Mango: The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, **with the help of ring method of irrigation** apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

Cashew: Prevailing conditions are suitable for the incidence of **Tea mosquito bug**. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyrifos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom:

Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry:

As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

DrRanjan Kumar Mohanta
(Nodal officer)



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Bulletin No.-480
 Date- 20/02/2024

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 0mm&district received average 0mmrainfall during the last week. The mean daily maximum and minimum temperature was **32.5°C (+0.43°C from normal)and 20.4°C (+2.2°C from normal)**, respectively. Mean relative humidity of the district was around 63-85%.

Forecasted period: Today(8.30IST) to 25th February (8.30IST)2024

Weatheradvisory: *Dry weather is forecasted for upcoming 3 days and very light to light rainfall is forecast for next 2 days in the block.*Thedaytemperature will be **30-34°C** and night temperature will be **22-23°C**for upcoming 5 days. Maximum and minimum relative humidity will be 64-95% and15-32% respectively. **There will be clear to partly cloudyskyfor next 5days.**

Block	Tigiria(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	20/02/2024	21/02/2024	22/02/2024	23/02/2024	24/02/2024
Rainfall(mm)	0	0	0	5	8
T-Max(°C)	34	34	34	33	30
T-Min(°C)	22	23	23	22	22
Cloud Cover(octa)	2	2	5	3	2
RH Max (%)	73	64	85	88	95
RH Min (%)	15	15	20	20	32
Wind Speed (Kmph)	10	12	15	12	13
Wind Direction (deg)	199	203	206	214	113

Agro met Advisory

General Advisory: Provide light and frequent irrigation in **upcoming 3 days and pause thereafter for 2 days (Due to anticipated light rain) to standing vegetables and crops during morning and evening hours to prevent damage from moisture and high temperature stress.**

➤ **Foliar spray of 2%DAP +1% KCL (MOP) during critical stages of flowering and grain formation stage.**

➤ **Use of biofertilizer like Azotobactor, Azospirillum and phospho bacteria @10 packets (500g)/ha along with 25 kg of soil or FYM.**

➤ **To avoid flower and fruit drop spray planofix @ 1ml/4.5lit of water.**

➤ **Ridge and furrow irrigation should be practiced to conserve soil moisture in the main field.**

Pulses:

November to December sown crop is at pod formation to seed development (nine to twelve week) stage. **Flowering and pod development stage is sensitive to moisture stress; carry out irrigation as per the status of soil moisture.** In case of **YMV infestation** uproots and destroys the infected plant and spray imidacloprid 50ml/acre mixing with 200 lit of water.

Rabi-Groundnut:

Do not disturb the soil after flower initiation in groundnut. **Do irrigation in the field based upon soil moisture.**Increase in temperature may enhance **red hairy caterpillar and tobacco caterpillar** infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamide 480 SC @ 0.2 ml/litre of water.

Mustard:

Rainfed mustard sown during October is at maturity stage. Harvest the mustard crop as soon as the pods turn yellowish-brown. Present weather may favour the infestation of **saw fly, leaf Webber**.To control saw fly, spray 400ml Endosulphan/acre, to control leaf webber spray 200 ml Ithofenprox or Deltamethrin per acre in 200 litr water.

Vegetables:

Tomato: Transplanted seedlings are at 6-8 week stage in main field. **Due to water stress, deficiency of boronor due to hormonal disbalance flower drop occurs.** Control: Apply timely and required amount of irrigation. Spray Boron 20% 2 gram/lit during early flowering and 15 days later.Due to increase in temperature there may be chances of **bacterial canker and Sun burn** disease in tomato at fruiting stage. To control bacterial canker Darners should spray Copper oxychloride 50% WP @ 3 g + Plantomycin @ 1 g/litre of water. They should use shade net to protect the crop from sun burn.

Potato:The main crop is ready for harvest within 75-85 days of planting depending upon the soil type and variety sown in our climatic condition of odisha. The crop is ready to harvest when majority of the leaves turn yellowish brown. Irrigation should be stopped 15 days before harvesting.

Onion: Do inter culture and hand weeding may be carried out at 45-50 DAT and application of 30-kg of urea and 15-kg of MOP fertilizer should be done at this stage. Onion being a shallow rooted crop, **needs frequent light irrigation to maintain optimum soil moisture for proper growth and bulb development.**

Fruits:

Mango: The present weather is appropriate for blossoming of flowers. Spray NAA @ 200 ppm per tree, **with the help of ring method of irrigation** apply 25 kg FYM, 500 gram of urea and 1 kg of potash and phosphate each.

Cashew: Prevailing conditions are suitable for the incidence of **Tea mosquito bug**. Farmers are advised to go for spraying of Neem oil @ 5ml/L + Monocrotophos @ 1.6ml/L at new blush stage and Chlorpyriqos @ 2ml/L at flowering stage. If inflorescence have flourished stop spraying of any insecticides. Hormones like NAA @ 2 ppm can be sprayed. FYM @25 kg per tree can be applied.

Mushroom:

Initiate cultivation of paddy straw mushroom. As hot weather condition is prevailed in Cuttack district, Spray water if the mushrooms are at fruiting stage. Cover the Mushroom unit with water soaked Gunny bags to maintain the inside temperature.

Animal husbandry:

As temperature is slightly increasing hence, it will impact physiological, metabolic behavior as well as egg production of poultry bird. Farmers should provide sufficient clean drinking water to birds and make proper shelter and feed management.

DrRanjan Kumar Mohanta
 (Nodal officer)



Follow Meghdoot Mobile APP for Agromet
 advisories in local language and DAMINI
 APP for Lightening alert in your area



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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	