



GRAMIN KRISHI MAUSAM SEWA

INDIA METEOROLOGICAL DEPARTMENT

DISTRICT AGROMET UNIT

KRISHI VIGYAN KENDRA CUTTACK

(A Unit of ICAR-National Rice Research Institute)

Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

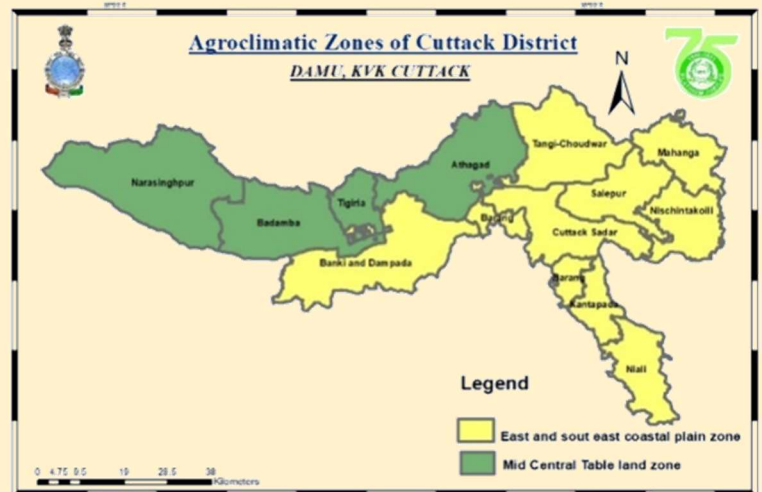


Bulletin No.-483

Date- 05/04/2024

Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 05th April, 2024
(For the period 05th to 09th April, 2024)*



*Issued by
District Agromet Unit,
KrishiVigyan Kendra Cuttack*

Dr Ranjan Kumar Mohanta
(Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<div style="text-align: center; background-color: #90EE90; padding: 5px; margin-bottom: 10px;"> Standardised Precipitation Index for the period 28th September to 25th October 2023 </div> <div style="text-align: center;"> </div>	<div style="text-align: center;"> NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 13 (25.03.2024 to 31.03.2024) over Agricultural region Odisha </div> <div style="text-align: center;"> </div> <p style="text-align: center; margin-top: 10px;">Agriculture vigour is good at isolated places over bargarh district of the state.</p>
<p><i>As per SPI value (cumulative 4weeks -28 September to 25 October 2023), mildly dry condition was there in Cuttack district.</i></p>	<p><i>According to NDVI map (25.03.2024 to 31.03.2024) the agriculture vigor was very light to light over maximum western blocksof Cuttack district and light to moderate over isolated places of Mahanga, Nischintakoili, Tangichoudwar, Salepur, Kantapada and Banki-damapada .</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

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



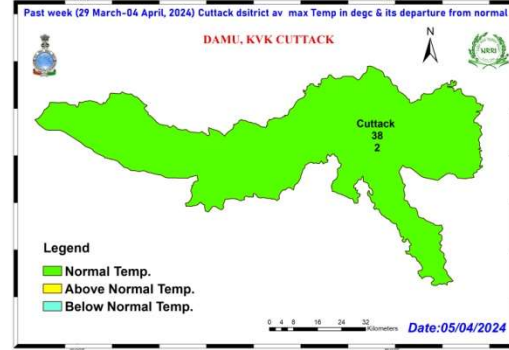
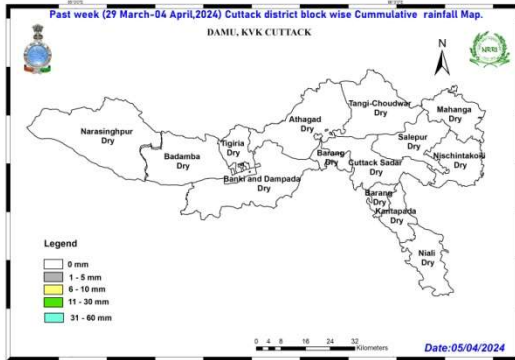


GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
 (A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

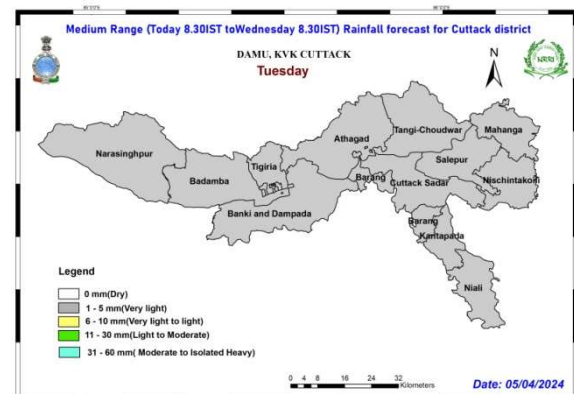
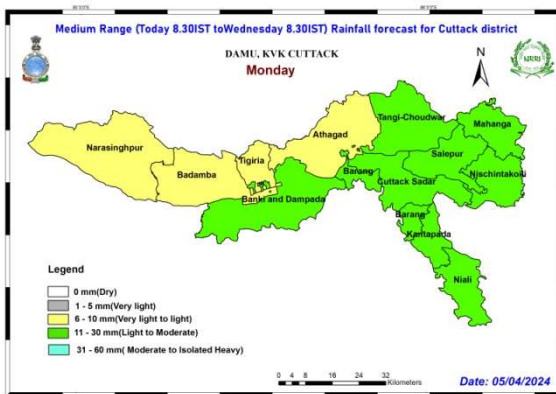
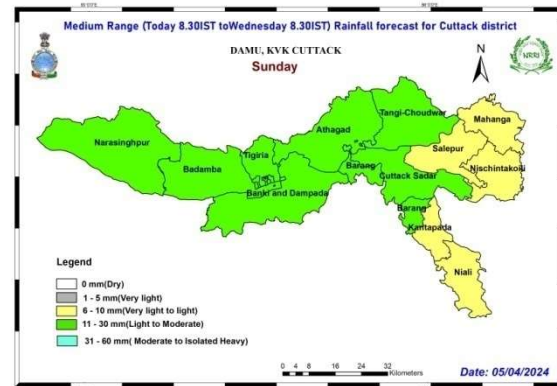
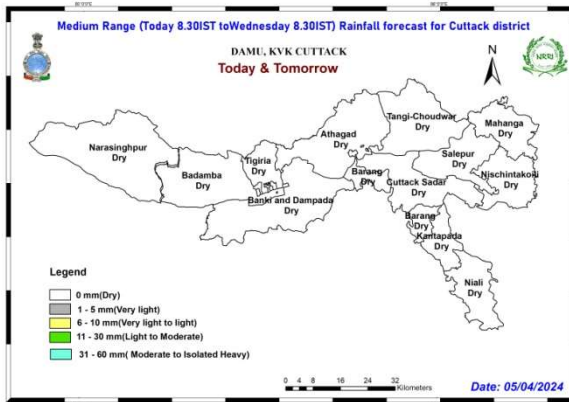


Bulletin No.-483
Date- 05/04/2024

Past week (29 March-04 April, 2024) cumulative rainfall (mm) and (29 March-04 April, 2024) average maximum temperature and its departure from normal for Cuttack district



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



Dr Ranjan Kumar Mohanta
 (Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
 Contact No-9861445080/7008453427



General agro-met advisory for Thunderstorm/intense spells of rain condition in Cuttack district

- *As maximum early sown Green gram, Black gram, Mustard, Groundnut crops and cucurbits, Brinjal, Tomato, Okra crop are at harvesting stage harvest them before thundershower and store them at safer places.*
- *Stop sowing, fertilizer/Pesticide application and irrigation activities on **Sunday and Monday.***
- *Pause sowing of summer maize and cucurbits during thundershower period.*
- *Provide hail net to protect vegetables and young fruit pant from hail damage.*
- *Due to anticipation of water logging situation, they are advised to drain out excess water from field.*
- In Banana Drain the excess water as soon as possible. Spray 1% KNO₃ or Urea 2% solution 2-3 times during vegetative to flowering stage. Topdressing of booster dose of 80 g MOP + 100 g Urea per plant in two to three splits at monthly intervals.
- Keep animals away from open water, pond or river.
- Keep animals away from tractors and other metal farm equipment.
- Drain out excess water from standing crops.
- Cover the harvested produce with polythene sheet.
- Don't allow your animals to congregate under trees. Watch your animals closely and try to keep them under your direct control.











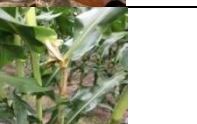





GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
 (A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-483
Date- 05/04/2024

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		Anthracnose
				Cercospera leaf spot
				Wilting
				Rust
2	Rabi Groundnut	Flowering to maturity		Spodotera/Tobacco caterpillar
				Tikka
				Stem fly
3	Maize (Sweet corn)	3-5 week stage		Leaf blight
				Stem rot
				Fruit and shoot borer
4	Brinjal	Fruiting		Phomopsis Blight
				Cercospera leaf spot

Dr Ranjan Kumar Mohanta
 (Nodal officer)



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












Debasish Jena
 SMS (Agrometeorology)
 Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
 (A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-483
Date- 05/04/2024

				Helicoverpa caterpillar
	Tomato	Fruting		Bacterial wilt
5	Cucurbits	Flowering to Fruiting stage		Red Pumpkin beetle
				Leaf spot
				Late blight
6	Mango	Flowering to fruiting		Mango hooper
				Fruit borer
7	Banana			Sigatoka
8	Cashew	Nut development		Nut borer

Dr Ranjan Kumar Mohanta
 (Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
 (A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-483
Date- 05/04/2024

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 0 mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.8°C (+2 from normal) and 25.5°C (+2.5 from normal), respectively. The mean relative humidity was 63-82%.

Forecasted period: Today(8.30IST) to 10th April (8.30IST)2024

Weather advisory: Light to moderate rainfall/Thundershower is forecasted for Sunday and Monday, Very light rainfall is forecasted for Tuesday and Dry weather is forecasted for other 2days in the block. The day temperature will be 30-40°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 48-68% and 08-28% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/04/2024	06/04/2024	07/04/2024	08/04/2024	09/04/2024
Rainfall (mm)	0	0	25	10	1
T-Max (°C)	40	40	35	34	30
T-Min (°C)	26	26	25	24	24
Cloud Cover (octa)	0	2	2	6	4
RH Max (%)	56	68	64	48	66
RH Min (%)	8	8	19	17	28
Wind Speed (kmph)	12	13	13	11	9
Wind Direction (deg)	191	198	135	333	203

Crop specific Agro-met Advisory

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of Anthracnose and Cercopsora leaf spot in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. Rust infestation and wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize:

Due to anticipated water logging condition stem rot may be found, then farmers should apply carbendazim @ 2g/ltr water. Stem fly in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature favours the occurrence of leaf blight in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g/ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of tobacco caterpillar infestation in groundnut; to control, spray Profenophos 50% EC @ 2 ml/litre of water or Flubendiamid 480 SC @ 0.2 ml/litre of water. There may be chances of incidence of tikka disease in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 liter of water.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year by utilization of anticipated rainfall/thundershower.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb 75%WP 2gram/litr of water. Cercopsora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/litr of water. If helioverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Tomato:

Bacterial wilt may be occurred in tomato field after rainfall, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

Cucurbits:

To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew, leaf blight, leaf spot disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Fruits:

Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorovos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control sigatoka leaf spot in banana. Immediately after rain go for spraying of profenophos @ 1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control nut borer in Cashew.

Animal husbandry:

Don't allow livestock to outside in view of thunderstorm activities.

Dr Ranjan Kumar Mohanta
 (Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
 Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-483
Date- 05/04/2024

AGROMET ADVISORY BULLETIN FOR BADAMBBA

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

The block received average 0 mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.8°C (+2 from normal) and 25.5°C (+2.5 from normal), respectively. The mean relative humidity was 63-82%.

Forecasted period: Today(8.30IST) to 10th April (8.30IST)2024

Weather advisory: Light to moderate rainfall/Thundershower is forecasted for Sunday and Monday, Very light rainfall is forecasted for Tuesday and Dry weather is forecasted for other 2days in the block. The day temperature will be 31-40°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 47-59% and 08-28% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	05/04/2024	06/04/2024	07/04/2024	08/04/2024	09/04/2024
Rainfall(mm)	0	0	18	9	1
T-Max(°C)	40	40	36	34	31
T-Min(°C)	25	26	24	23	23
Cloud Cover(octa)	0	2	2	6	4
RH Max (%)	47	50	56	47	59
RH Min (%)	8	8	19	18	28
Wind Speed (Kmph)	11	12	14	11	7
Wind Direction (deg)	198	23	342	333	338

Crop specific Agro-met Advisory

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize:

Due to anticipated water logging condition **stem rot** may be found, then farmers should apply carbendazim @ 2g/ltr water. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of 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. There may be chances of incidence of **fikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 liter of water.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year by utilization of anticipated rainfall/thundershower.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb75%WP 2gram/litr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If **helicoverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Tomato:

Bacterial wilt may be occurred in tomato field after rainfall, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

Cucurbits:

To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew, leaf blight, leaf spot disease** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Fruits:

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorovos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control **sigatoka leaf spot in banana**. Immediately after rain go for spraying of profenophos @ 1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control **nut borer in Cashew**.

Animal husbandry:

Don't allow livestock to outside in view of thunderstorm activities.

Dr Ranjan Kumar Mohanta
(Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
 (A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-483
Date- 05/04/2024

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.8°C (+2 from normal) and 25.5°C (+2.5 from normal), respectively. The mean relative humidity was 63-82%.

Forecasted period: Today(8.30IST) to 10thApril (8.30IST)2024

Weather advisory: Light to moderate rainfall/Thundershower is forecasted for Sunday and Monday, Very light rainfall is forecasted for Tuesday and Dry weather is forecasted for other 2days in the block. The day temperature will be 31-41°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 47-66% and 09-27% 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	05/04/2024	06/04/2024	07/04/2024	08/04/2024	09/04/2024
Rainfall(mm)	0	0	20	13	1
T-Max(°C)	41	40	36	35	31
T-Min(°C)	26	26	24	24	23
Cloud Cover(octa)	0	1	1	5	4
RH Max (%)	54	63	63	47	66
RH Min (%)	9	9	20	18	27
Wind Speed (Kmph)	12	13	14	10	9
Wind Direction (deg)	198	198	158	338	198

Crop specific Agro-met Advisory

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of Anthracnose and Cercopsersa leaf spot in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. Rust infestation and wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize:

Due to anticipated water logging condition stem rot may be found, then farmers should apply carbendazim @ 2g/ltr water. Stem fly in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature favours the occurrence of leaf blight in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of 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. There may be chances of incidence of likka disease in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 liter of water.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year by utilization of anticipated rainfall/thundershower.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/litr of water. Cercopsersa leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If helioverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Tomato:

Bacterial wilt may be occurred in tomato field after rainfall, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Cucurbits:

To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew, leaf blight, leaf spot disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Fruits:

Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chloropyrifos @2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorovos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control sigatoka leaf spot in banana. Immediately after rain go for spraying of profenophos @1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control nut borer in Cashew.

Animal husbandry:

Don't allow livestock to outside in view of thunderstorm activities.

Dr Ranjan Kumar Mohanta
 (Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-483
Date- 05/04/2024

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPADA

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

The block received average 0 mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.8°C (+2 from normal) and 25.5°C (+2.5 from normal), respectively. The mean relative humidity was 63-82%.

Forecasted period: Today(8.30IST) to 10th April (8.30IST)2024

Weather Advisory: Light to moderate rainfall/Thundershower is forecasted for Sunday and Monday, Very light rainfall is forecasted for Tuesday and Dry weather is forecasted for other 2days in the block. The day temperature will be 31-41°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 47-67% and 09-26% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	05/04/2024	06/04/2024	07/04/2024	08/04/2024	09/04/2024
Rainfall(mm)	0	0	21	13	2
T-Max(°C)	41	41	36	35	31
T-Min(°C)	26	26	24	24	23
Cloud Cover(octa)	0	1	1	5	4
RH Max (%)	56	65	65	47	67
RH Min (%)	9	9	20	18	26
Wind Speed (Kmph)	12	13	14	10	9
Wind Direction (deg)	198	203	158	342	198

Crop specific Agro-met Advisory

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of Anthracnose and Cercospera leaf spot in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. Rust infestation and wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize:

Due to anticipated water logging condition stem rot may be found, then farmers should apply carbendazim @ 2g/ltr water. Stem fly in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature favours the occurrence of leaf blight in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of 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. There may be chances of incidence of tikka disease in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 liter of water.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year by utilization of anticipated rainfall/thundershower.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb 75%WP 2gram/litr of water. Cercospera leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/litr of water. If helioverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Tomato:

Bacterial wilt may be occurred in tomato field after rainfall, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

Cucurbits:

To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew, leaf blight, leaf spot disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Fruits:

Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chloropyrifos @ 2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorovos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control sigatoka leaf spot in banana. Immediately after rain go for spraying of profenophos @ 1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control nut borer in Cashew.

Animal husbandry:

Don't allow livestock to outside in view of thunderstorm activities.

Dr Ranjan Kumar Mohanta
(Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
 (A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-483
Date- 05/04/2024

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 0 mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.8°C (+2 from normal) and 25.5°C (+2.5 from normal), respectively. The mean relative humidity was 63-82%.

Forecasted period: Today(8.30IST) to 10th April (8.30IST)2024

Weather advisory: Light to moderate rainfall/Thundershower is forecasted for Sunday and Monday, Very light rainfall is forecasted for Tuesday and Dry weather is forecasted for other 2days in the block. The day temperature will be 31-40°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 47-89% and 09-24% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/04/2024	06/04/2024	07/04/2024	08/04/2024	09/04/2024
Rainfall(mm)	0	0	18	12	2
T-Max(°C)	40	40	35	34	31
T-Min(°C)	26	26	25	26	24
Cloud Cover	0	0	1	4	3
RH Max (%)	64	76	89	47	76
RH Min (%)	9	12	21	20	24
Wind Speed (Kmph)	14	14	15	11	9
Wind Direction (deg)	205	195	203	75	203

Crop specific Agro-met Advisory

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of Anthracnose and Cercospera leaf spot in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. Rust infestation and wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize:

Due to anticipated water logging condition stem rot may be found, then farmers should apply carbendazim @ 2g/ltr water. Stem fly in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature favours the occurrence of leaf blight in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of 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. There may be chances of incidence of likka disease in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 liter of water.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year by utilization of anticipated rainfall/thundershower.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/litr of water. Cercospera leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If helioverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Tomato:

Bacterial wilt may be occurred in tomato field after rainfall, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Cucurbits:

To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew, leaf blight, leaf spot disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Fruits:

Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorovos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control sigatoka leaf spot in banana. Immediately after rain go for spraying of profenophos @1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control nut borer in Cashew.

Animal husbandry:

Don't allow livestock to outside in view of thunderstorm activities.

Dr Ranjan Kumar Mohanta
 (Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
 Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-483
Date- 05/04/2024

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 0 mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.8°C (+2 from normal) and 25.5°C (+2.5 from normal), respectively. The mean relative humidity was 63-82%.

Forecasted period: Today(8.30IST) to 10th April (8.30IST)2024

Weather advisory: Light to moderate rainfall/Thundershower is forecasted for Sunday and Monday, Very light rainfall is forecasted for Tuesday and Dry weather is forecasted for other 2days in the block. The day temperature will be 30-40°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 47-78% and 08-25% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	05/04/2024	06/04/2024	07/04/2024	08/04/2024	09/04/2024
Rainfall(mm)	0	0	15	13	2
T-Max(°C)	40	39	35	33	30
T-Min(°C)	27	26	25	26	25
Cloud Cover(octa)	0	1	2	5	4
RH Max (%)	61	74	78	47	71
RH Min (%)	8	9	20	18	25
Wind Speed (Kmph)	14	13	14	10	9
Wind Direction (deg)	203	199	203	60	203

Crop specific Agro-met Advisory

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of Anthracnose and Cercospera leaf spot in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. Rust infestation and wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize:

Due to anticipated water logging condition stem rot may be found, then farmers should apply carbendazim @ 2g/ltr water. Stem fly in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature favours the occurrence of leaf blight in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of 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. There may be chances of incidence of likka disease in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 liter of water.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year by utilization of anticipated rainfall/thundershower.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/litr of water. Cercospera leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Tomato:

Bacterial wilt may be occurred in tomato field after rainfall, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Cucurbits:

To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew, leaf blight, leaf spot disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Fruits:

Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorovos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control sigatoka leaf spot in banana. Immediately after rain go for spraying of profenophos @1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control nut borer in Cashew.

Animal husbandry:

Don't allow livestock to outside in view of thunderstorm activities.

Dr Ranjan Kumar Mohanta
(Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-483
Date- 05/04/2024

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 0 mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.8°C (+2 from normal) and 25.5°C (+2.5 from normal), respectively. The mean relative humidity was 63-82%.

Forecasted period: Today(8.30IST) to 10th April (8.30IST)2024

Weather advisory: Light to moderate rainfall/Thundershower is forecasted for Sunday and Monday, Very light rainfall is forecasted for Tuesday and Dry weather is forecasted for other 2days in the block. The day temperature will be 34-39°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 57-97% and 14-25% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	05/04/2024	06/04/2024	07/04/2024	08/04/2024	09/04/2024
Rainfall(mm)	0	0	8	15	2
T-Max(°C)	39	38	35	34	34
T-Min(°C)	26	26	25	26	24
Cloud Cover(octa)	0	0	1	2	3
RH Max (%)	70	78	97	57	79
RH Min (%)	14	18	25	24	23
Wind Speed (Kmph)	16	16	16	12	8
Wind Direction (deg)	212	197	203	297	214

Crop specific Agro-met Advisory

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of Anthracnose and Cercospera leaf spot in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. Rust infestation and wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize:

Due to anticipated water logging condition stem rot may be found, then farmers should apply carbendazim @ 2g/ltr water. Stem fly in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature favours the occurrence of leaf blight in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g/ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of 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. There may be chances of incidence of tikka disease in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 liter of water.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year by utilization of anticipated rainfall/thundershower.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb 75%WP 2gram/litr of water. Cercospera leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/litr of water. If helioverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Tomato:

Bacterial wilt may be occurred in tomato field after rainfall, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

Cucurbits:

To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew, leaf blight, leaf spot disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Fruits:

Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorovos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control sigatoka leaf spot in banana. Immediately after rain go for spraying of profenophos @ 1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control nut borer in Cashew.

Animal husbandry:

Don't allow livestock to outside in view of thunderstorm activities.

Dr Ranjan Kumar Mohanta
(Nodal officer)



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



Debasish Jena

SMS (Agrometeorology)

Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-483
Date- 05/04/2024

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 0 mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.8°C (+2 from normal) and 25.5°C (+2.5 from normal), respectively. The mean relative humidity was 63-82%.

Forecasted period: Today(8.30IST) to 10th April (8.30IST)2024

Weather advisory: Light to moderate rainfall/Thundershower is forecasted for Sunday and Monday, Very light rainfall is forecasted for Tuesday and Dry weather is forecasted for other 2days in the block. The day temperature will be and it will be 32-40°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 45-81% and 09-25% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	05/04/2024	06/04/2024	07/04/2024	08/04/2024	09/04/2024
Rainfall(mm)	0	0	10	13	3
T-Max(°C)	40	39	35	33	32
T-Min(°C)	27	26	25	26	25
Cloud Cover(octal)	0	0	1	4	4
RH Max (%)	64	74	81	45	71
RH Min (%)	9	12	20	20	25
Wind Speed (Kmph)	16	14	13	11	9
Wind Direction (deg)	205	195	207	68	210

Crop specific Agro-met Advisory

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of Anthracnose and Cercospora leaf spot in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. Rust infestation and wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize:

Due to anticipated water logging condition stem rot may be found, then farmers should apply carbendazim @ 2g/ltr water. Stem fly in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature favours the occurrence of leaf blight in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of 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. There may be chances of incidence of tikka disease in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 liter of water.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year by utilization of anticipated rainfall/thundershower.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb 75%WP 2gram/litr of water. Cercospora leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/litr of water. If helioverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Tomato:

Bacterial wilt may be occurred in tomato field after rainfall, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g / litre of water.

Cucurbits:

To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew, leaf blight, leaf spot disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Fruits:

Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorvos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control sigatoka leaf spot in banana. Immediately after rain go for spraying of profenophos @ 1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control nut borer in Cashew.

Animal husbandry:

Don't allow livestock to outside in view of thunderstorm activities.

Dr Ranjan Kumar Mohanta
(Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
 (A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-483
Date- 05/04/2024

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 0 mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.8°C (+2 from normal) and 25.5°C (+2.5 from normal), respectively. The mean relative humidity was 63-82%.

Forecasted period: Today(8.30IST) to 10thApril (8.30IST)2024

Weather advisory: Light to moderate rainfall/Thundershower is forecasted for Sunday and Monday, Very light rainfall is forecasted for Tuesday and Dry weather is forecasted for other 2days in the block. The day temperature will be 30-40°C and night temperature will be 21-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 33-52% and 08-30% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	05/04/2024	06/04/2024	07/04/2024	08/04/2024	09/04/2024
Rainfall(mm)	0	0	20	10	1
T-Max(°C)	40	40	35	34	30
T-Min(°C)	25	26	22	22	21
Cloud Cover(/octa)	0	3	3	6	4
RH Max (%)	41	33	52	51	51
RH Min (%)	8	8	16	20	30
Wind Speed (Kmph)	8	9	11	9	6
Wind Direction (deg)	207	15	23	333	338

Crop specific Agro-met Advisory

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of Anthracnose and Cercospera leaf spot in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. Rust infestation and wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize:

Due to anticipated water logging condition stem rot may be found, then farmers should apply carbendazim @ 2g/ltr water. Stem fly in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature favours the occurrence of leaf blight in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favours infestation of 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. There may be chances of incidence of tikka disease in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year by utilization of anticipated rainfall/thundershower.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/litr of water. Cercospera leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Tomato:

Bacterial wilt may be occurred in tomato field after rainfall, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Cucurbits:

To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew, leaf blight, leaf spot disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Fruits:

Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorovos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control sigatoka leaf spot in banana. Immediately after rain go for spraying of profenophos @1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control nut borer in Cashew.

Animal husbandry:

Don't allow livestock to outside in view of thunderstorm activities.

Dr Ranjan Kumar Mohanta
 (Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
 Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-483
Date- 05/04/2024

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 0 mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.8°C (+2 from normal) and 25.5°C (+2.5 from normal), respectively. The mean relative humidity was 63-82%.

Forecasted period: Today(8.30IST) to 10th April (8.30IST)2024

Weather advisory: Light to moderate rainfall/Thundershower is forecasted for Sunday and Monday, Very light rainfall is forecasted for Tuesday and Dry weather is forecasted for other 2days in the block. The day temperature will be 35-39°C and night temperature will be 24-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-97% and 20-29% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	05/04/2024	06/04/2024	07/04/2024	08/04/2024	09/04/2024
Rainfall(mm)	0	0	9	12	3
T-Max(°C)	39	38	36	35	35
T-Min(°C)	26	26	25	25	24
Cloud Cover(octa)	0	0	1	2	2
RH Max (%)	74	79	97	66	80
RH Min (%)	20	25	29	29	23
Wind Speed(Kmph)	18	17	15	12	9
Wind Direction(deg)	212	200	203	293	216

Crop specific Agro-met Advisory

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of **Anthraxnose and Cercospora leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize:

Due to anticipated water logging condition **stem rot** may be found, then farmers should apply carbendazim @ 2g/ltr water. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g/ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of 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. There may be chances of incidence of **tikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 liter of water.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year by utilization of anticipated rainfall/thundershower.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb75%WP 2gram/litr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If **helicoverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Tomato:

Bacterial wilt may be occurred in tomato field after rainfall, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Cucurbits:

To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew, leaf blight, leaf spot disease** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Fruits:

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chloropyrifos @2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorovos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control **sigatoka leaf spot in banana**. Immediately after rain go for spraying of profenophos @1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control **nut borer in Cashew**.

Animal husbandry:

Don't allow livestock to outside in view of thunderstorm activities.

Dr Ranjan Kumar Mohanta
(Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



GRANAM KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
 (A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-483
Date- 05/04/2024

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

The block received average 0 mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.8°C (+2 from normal) and 25.5°C (+2.5 from normal), respectively. The mean relative humidity was 63-82%.

Forecasted period: Today(8.30IST) to 10thApril (8.30IST)2024

Weather advisory: Light to moderate rainfall/Thundershower is forecasted for Sunday and Monday, Very light rainfall is forecasted for Tuesday and Dry weather is forecasted for other 2days in the block. The day temperature will be 32-40°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 44-90% and 10-24% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/04/2024	06/04/2024	07/04/2024	08/04/2024	09/04/2024
Rainfall(mm)	0	0	10	12	3
T-Max(°C)	40	39	35	33	32
T-Min(°C)	27	26	25	26	25
Cloud Cover(octa)	0	0	0	3	4
RH Max (%)	65	75	90	44	75
RH Min (%)	10	14	21	21	24
Wind Speed (Kmph)	16	15	14	11	9
Wind Direction (deg)	205	195	207	75	248

Crop specific Agro-met Advisory

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of Anthracnose and Cercospera leaf spot in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. Rust infestation and wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize:

Due to anticipated water logging condition stem rot may be found, then farmers should apply carbendazim @ 2g/ltr water. Stem fly in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature favours the occurrence of leaf blight in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of 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. There may be chances of incidence of likka disease in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 liter of water.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year by utilization of anticipated rainfall/thundershower.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/litr of water. Cercospera leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If helioverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Tomato:

Bacterial wilt may be occurred in tomato field after rainfall, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Cucutbits:

To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyriphos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew, leaf blight, leaf spot disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Fruits:

Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chloropyriphos @2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyriphos @ 2.5ml+Dichlorovos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control sigatoka leaf spot in banana. Immediately after rain go for spraying of profenophos @1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control nut borer in Cashew.

Animal husbandry:

Don't allow livestock to outside in view of thunderstorm activities.

Dr Ranjan Kumar Mohanta
 (Nodal officer)



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



Debasish Jena
 SMS (Agrometeorology)
 Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-483
Date- 05/04/2024

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 0 mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.8°C (+2 from normal) and 25.5°C (+2.5 from normal), respectively. The mean relative humidity was 63-82%.

Forecasted period: Today(8.30IST) to 10th April (8.30IST)2024

Weather advisory: Light to moderate rainfall/Thundershower is forecasted for Sunday and Monday, Very light rainfall is forecasted for Tuesday and Dry weather is forecasted for other 2days in the block. The day temperature will be 31-40°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 45-88% and 09-24% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/04/2024	06/04/2024	07/04/2024	08/04/2024	09/04/2024
Rainfall(mm)	0	0	10	15	3
T-Max(°C)	40	39	35	33	31
T-Min(°C)	27	26	25	26	25
Cloud Cover(octa)	0	0	0	4	4
RH Max (%)	64	75	88	45	74
RH Min (%)	9	12	20	21	24
Wind Speed (Kmph)	16	14	14	11	8
Wind Direction (deg)	205	195	207	75	210

Crop specific Agro-met Advisory

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of Anthracnose and Cercospera leaf spot in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. Rust infestation and wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize:

Due to anticipated water logging condition stem rot may be found, then farmers should apply carbendazim @ 2g/ltr water. Stem fly in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature favours the occurrence of leaf blight in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of 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. There may be chances of incidence of tikka disease in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 litre of water.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year by utilization of anticipated rainfall/thundershower.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb 75%WP 2gram/litr of water. Cercospera leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/litr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Tomato:

Bacterial wilt may be occurred in tomato field after rainfall, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g / litre of water.

Cucurbits:

To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew, leaf blight, leaf spot disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Fruits:

Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorovos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control sigatoka leaf spot in banana. Immediately after rain go for spraying of profenophos @ 1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control nut borer in Cashew.

Animal husbandry:

Don't allow livestock to outside in view of thunderstorm activities.

Dr Ranjan Kumar Mohanta
(Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)
Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-483
Date- 05/04/2024

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 0 mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.8°C (+2 from normal) and 25.5°C (+2.5 from normal), respectively. The mean relative humidity was 63-82%.

Forecasted period: Today(8.30IST) to 10th April (8.30IST)2024

Weather advisory: Light to moderate rainfall/Thundershower is forecasted for Sunday and Monday, Very light rainfall is forecasted for Tuesday and Dry weather is forecasted for other 2days in the block. The day temperature will be 37-41°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-94% and 28-39% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	05/04/2024	06/04/2024	07/04/2024	08/04/2024	09/04/2024
Rainfall(mm)	0	0	22	15	2
T-Max(°C)	41	39	38	37	39
T-Min(°C)	28	28	27	28	27
Cloud Cover(octa)	0	0	0	2	1
RH Max (%)	77	81	94	67	78
RH Min (%)	31	39	35	35	28
Wind Speed (Kmph)	22	21	14	12	11
Wind Direction (deg)	204	207	210	252	169

Crop specific Agro-met Advisory

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of **Anthraxnose and Cercopsere leaf spot** in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. **Rust infestation** and **wilting** will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize:

Due to anticipated water logging condition **stem rot** may be found, then farmers should apply carbendazim @ 2g/ltr water. **Stem fly** in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @ 1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of 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. There may be chances of incidence of **fikka disease** in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 liter of water.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year by utilization of anticipated rainfall/thundershower.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If **phomopsis blight** will occur in brinjal, then spray zineb75%WP 2gram/litr of water. **Cercopsere leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If **helicoverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Tomato:

Bacterial wilt may be occurred in tomato field after rainfall, to control it drenching with copper oxychloride @ 3g+ plantomycin @ 1 g/ litre of water.

Cucurbits:

To manage **Red Pumpkin Beetle** in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew, leaf blight, leaf spot disease** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Fruits:

Present weather conditions are favourable for the incidence of **Mango hoppers**. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @ 2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorovos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control **sigatoka leaf spot in banana**. Immediately after rain go for spraying of profenophos @ 1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control **nut borer in Cashew**.

Animal husbandry:

Don't allow livestock to outside in view of thunderstorm activities.

Dr Ranjan Kumar Mohanta
(Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
 (A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-483
Date- 05/04/2024

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 0 mm and district received average 0mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.8°C (+2 from normal) and 25.5°C (+2.5 from normal), respectively. The mean relative humidity was 63-82%.

Forecasted period: Today(8.30IST) to 10th April (8.30IST)2024

Weather advisory: Light to moderate rainfall/Thundershower is forecasted for Sunday and Monday, Very light rainfall is forecasted for Tuesday and Dry weather is forecasted for other 2days in the block. The day temperature will be 30-41°C and night temperature will be 23-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 49-62% and 08-29% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	05/04/2024	06/04/2024	07/04/2024	08/04/2024	09/04/2024
Rainfall(mm)	0	0	22	10	1
T-Max(°C)	41	40	36	34	30
T-Min(°C)	26	26	24	24	23
Cloud Cover(octa)	0	3	2	6	4
RH Max (%)	53	60	59	49	62
RH Min (%)	8	8	19	18	29
Wind Speed (Kmph)	11	13	13	11	8
Wind Direction (deg)	198	162	342	333	198

Crop specific Agro-met Advisory

Pulses:

Harvest matured pulses as soon as possible. There may be chances of infestation of Anthracnose and Cercospera leaf spot in Pulses due to humid weather. To manage these spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre in 200 ltr water. Rust infestation and wilting will be observed after rainfall, then spray Carbendazim 2g/ltr of water to control.

Maize:

Due to anticipated water logging condition stem rot may be found, then farmers should apply carbendazim @ 2g/ltr water. Stem fly in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @1 ml/ltr or Dimethoate @ 2ml/ltr or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature favours the occurrence of leaf blight in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

Rabi-Groundnut:

Harvest matured groundnut as soon as possible. Provide proper drainage channel to drain out excess water.

Forecasted weather favors infestation of 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. There may be chances of incidence of fikka disease in groundnut. To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre in 200 liter of water.

Vegetables:

Go for sowing of summer vegetables like ridge gourd, bottle gourd, bitter gourd, cucumber, cucurbita can be grown throughout the year by utilization of anticipated rainfall/thundershower.

Brinjal:

FRUIT AND SHOOT BORER IN BRINJAL-Spray Neem based pesticide 1500ppm@600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45%SC@70ml/acre and Thiodicarb@250g/acre at 15 days interval. If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/litr of water. Cercospera leaf spot may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If helicoverpa infestation will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Tomato:

Bacterial wilt may be occurred in tomato field after rainfall, to control it drenching with copper oxychloride @ 3g+ plantomycin @1 g/ litre of water.

Cucurbits:

To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantraniliprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre. Late Blight may happen due to rising day temperature. There are chances of infestation of Downy Mildew, leaf blight, leaf spot disease in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

Fruits:

Present weather conditions are favourable for the incidence of Mango hoppers. To control go for spraying of phosphamidon @ 0.5ml/l (or) dimethoate 2ml/l (or) chlorpyrifos @2.5ml/l. during initial stages of flowering. At present the mango is under fruiting stage and the present weather conditions are favourable for incidence of Fruit Borer in mango. To control fruit borer spray Chlorpyrifos @ 2.5ml+Dichlorovos @ 1.5 ml per litre of water and repeat the spray at 15 days interval. Spray mancozeb 2g/litre, to control sigatoka leaf spot in banana. Immediately after rain go for spraying of profenophos @1.0 ml or acephate 1.5 grams per liter of water at 10-15 days interval at nut formation stage to control nut borer in Cashew.

Animal husbandry:

Don't allow livestock to outside in view of thunderstorm activities.

Dr Ranjan Kumar Mohanta
(Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427





GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
 (A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-483
Date- 05/04/2024

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

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

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

Dr Ranjan Kumar Mohanta
(Nodal officer)



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



Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427