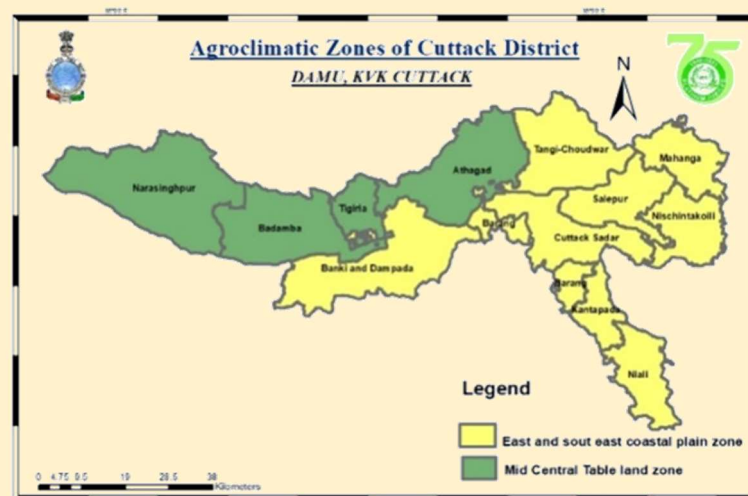




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 12th May, 2023
(For the period 12th to 16th May, 2023)*



*Issued by
District Agro-met Unit,
KrishiVigyan Kendra Cuttack*



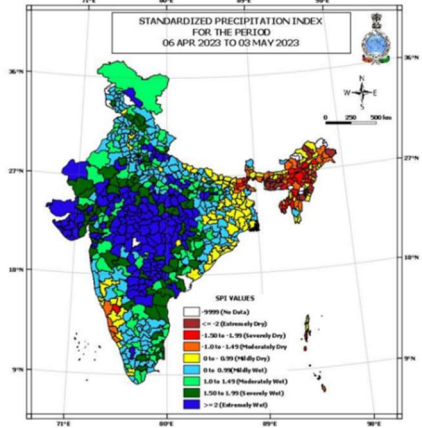
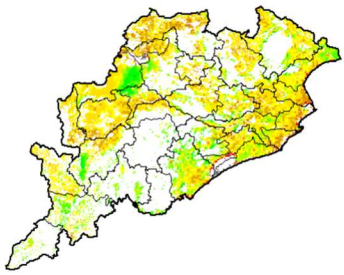


GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
 (A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-399
Date- 12/05/2023

STANDARD PRECIPITATION INDEX AND NDVI MAP

| Standard Precipitation Index (SPI) | Normalized difference vegetation Index (NDVI) |
|--|--|
| <p align="center">Standardised Precipitation Index for the period 6th April to 3rd May 2023</p>  <p><i>As per SPI value (cumulative 4weeks -06 April to 03 May 2023), Mildly wet condition was there in Cuttack district.</i></p> | <p align="center">NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 18 (30.04.2023 to 06.05.2023) over Agricultural region</p> <p align="center">Odisha</p>  <p align="center">Agriculture vigour is moderate over the state.</p> <p><i>According to NDVI map (30.04.2023 to 06.05.2023) the agriculture vigor was moderate over isolated places of Narsinghpur, Banki-dampada, Mahanga, Salepur, Kantapada blocks of Cuttack district and very light over some places of other blocks.</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 |

Dr Sujata Sethy
(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

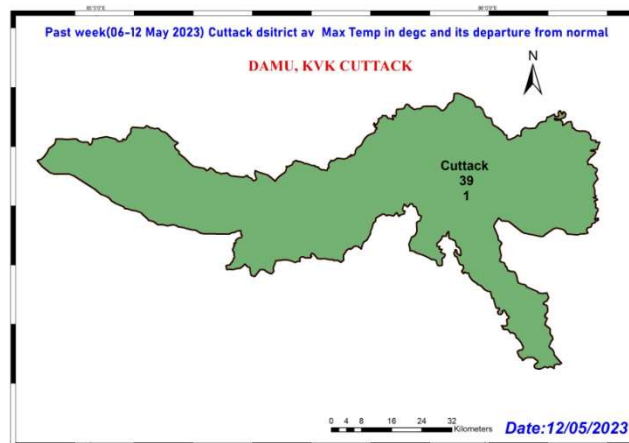
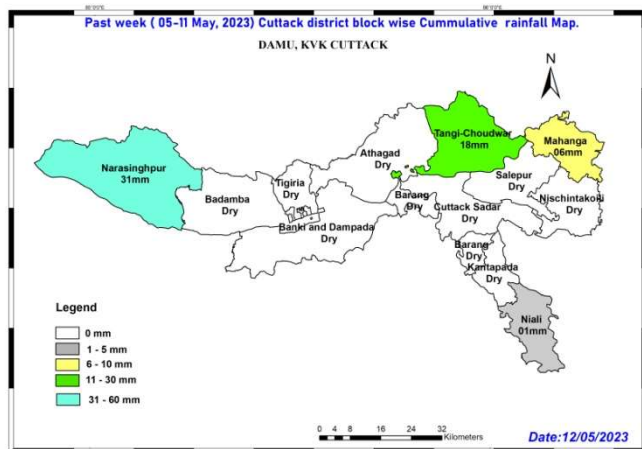


GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
 (A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

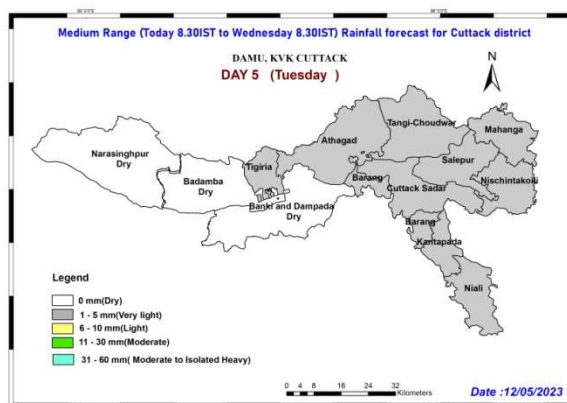
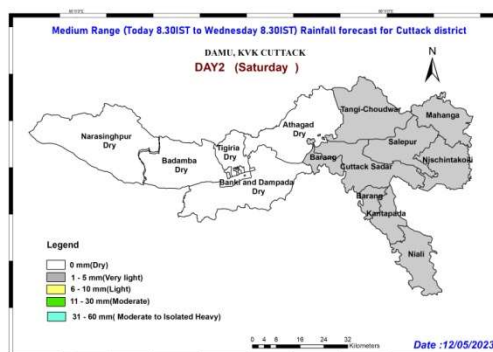
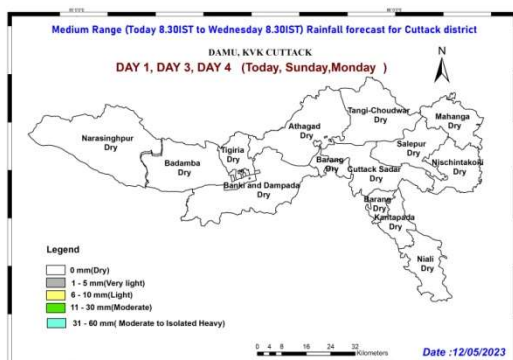


Bulletin No.-399
Date- 12/05/2023

Past week (05-11 May, 2023) cumulative rainfall and (06-12 May, 2023) 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 Sujata Sethy
 (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.-399
Date- 12/05/2023

| Met Sub division | Extended range outlook for subsequent 1 week (6 th to 12 th days) (17-23 May 2023) | | | | |
|------------------|---|---------------|---------------|----------------------|-----------------|
| Odisha | <i>Parameter</i> | <i>Actual</i> | <i>Normal</i> | <i>Departure (%)</i> | <i>Category</i> |
| | Rainfall(mm) | 0.04 | 0.40 | -89.23 | Below Normal |
| | <i>Parameter</i> | <i>Actual</i> | <i>Normal</i> | <i>Anomaly</i> | <i>Category</i> |
| | Maximum temperature (°C) | 38.05 | 38.05 | 0.00 | Normal |
| | Minimum temperature (°C) | 26.64 | 25.90 | 0.74 | Normal |

As per extended range outlook there will be below normal rainfall and below normal temperature is forecasted in subsequent week (17-23 May, 2023) after 5 days for Odisha condition, so farmers should go irrigation and mulch material application activities in the subsequent week. They are advised to harvest matured crops/vegetables before the subsequent week.

Dr Sujata Sethy
(Nodal officer)



Follow Meghdoot Mobile APP for Agromet advisories in local language and DAMINI APP for Lightning 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.-399

Date- 12/05/2023

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 | Maize | Vegetative to tasseling/silking |  | Maize stalk rot |
| | | |  | Fall army worm |
| | | |  | Red hairy catpillar |
| 2 | Brinjal | Fruiting |  | Phomopsis Blight |
| | | |  | Cercopora leaf spot |
| | | |  | Helicoverpa |
| 3 | Tomato | Fruting |  | Bacterial wilt |
| 4 | Okra | Vegetative to fruiting |  | Yellow vein mosaiv(YMV) |
| | | |  | fusarium and phytopthera |
| | | |  | Cercospora leaf spot |
| 5 | Cucurbits | Flowering to Fruiting stage |  | Late blight |
| | | |  | Downy Mildew |

Dr Sujata Sethy
(Nodal officer)



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










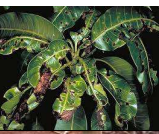

Debasish Jena
SMS (Agrometeorology)
Contact No-9861445080/7008453427



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.-399
Date- 12/05/2023

| | | | | |
|---|--------|----------------|--|---|
| | | |  | Leaf spot |
| | | |  | Stem Rot |
| | | |  | Fruit rot |
| 6 | Banana | |  | Banana leaf spot/sigatoka |
| | | |  | Pseudo stem weevil |
| | | |  | Rhizome rot |
| 7 | Mango | Fruiting stage |  | Fruit borer |
| | | |  | Anthracnose |
| 8 | Papaya | Fruting |  | phytophthora crown rot or foot rot |

Dr Sujata Sethy
(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 KRISHIMAUSAM 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.-399
Date- 12/05/2023

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 0mm and district received average 0.5mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.5°C (1.19°C from normal)** and **27.1°C (2.3°C from normal)**, respectively. Mean relative humidity of the district was around 52-66%.

Forecasted period: Today(8.30IST) to 14th May(8.30IST)2023

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for Tuesday and dry weather is forecasted for other 4 days in the block.* The day temperature will be **34-42°C** and night temperature will be **25-27°C** for upcoming 5 days. Maximum and minimum relative humidity will be 66-93% and 15-27% respectively. **There will be clear to partly cloudy sky for next 5 days.**

| Block | Athagad(VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|--|------------|------------|------------|------------|
| Date | 09/05/2023 | 10/05/2023 | 11/05/2023 | 12/05/2023 | 13/05/2023 |
| Rainfall (mm) | 0 | 0 | 0 | 0 | 2 |
| T-Max (°C) | 37 | 34 | 38 | 39 | 42 |
| T-Min (°C) | 25 | 27 | 26 | 26 | 27 |
| Cloud Cover (octa) | 8 | 8 | 8 | 5 | 3 |
| RH Max (%) | 81 | 70 | 66 | 93 | 87 |
| RH Min (%) | 17 | 25 | 17 | 27 | 15 |
| Wind Speed (kmph) | 12 | 11 | 14 | 16 | 16 |
| Wind Direction (deg) | 45 | 72 | 198 | 180 | 189 |

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for after next 3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

Summer Maize:

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm** in maize. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: *Vegetables: Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3days.*

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram@2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Brinjal: If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/ltr of water. If **helicopterpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

Cucurbits: **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** 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.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Banana: If **rhizome rot** will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g / litre of water.

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The spraying should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraxnose**.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sethy
(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 KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)



Bulletin No.-399
Date- 12/05/2023

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

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 0mm and district received average 0.5mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.5°C (1.19°C from normal)** and **27.1°C (2.3°C from normal)**, respectively. Mean relative humidity of the district was around 52-66%.

Forecasted period: Today(8.30IST) to 14th May(8.30IST)2023

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **35-43°C** and night temperature will be **25-26°C** for upcoming 5 days. Maximum and minimum relative humidity will be 60-91% and 12-21% respectively. There will be clear to partly cloudy sky for next 5 days.

| Block | Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| Date | 09/05/2023 | 10/05/2023 | 11/05/2023 | 12/05/2023 | 13/05/2023 |
| Rainfall(mm) | 0 | 0 | 0 | 0 | 0 |
| T-Max(°C) | 38 | 35 | 39 | 41 | 43 |
| T-Min(°C) | 25 | 26 | 25 | 25 | 26 |
| Cloud Cover(octa) | 8 | 8 | 8 | 6 | 3 |
| RH Max (%) | 79 | 68 | 60 | 91 | 86 |
| RH Min (%) | 14 | 21 | 14 | 20 | 12 |
| Wind Speed (Kmph) | 11 | 10 | 13 | 13 | 12 |
| Wind Direction (deg) | 45 | 60 | 203 | 180 | 171 |

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for after next 3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

Summer Maize:

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm** in maize. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: *Vegetables: Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3 days.*

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Brinjal: If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/ltr of water. If **helicopterpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

Cucurbits: **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** 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.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Banana: If **rhizome rot** will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalanil @ 2.0 g / litre of water.

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraxnose**.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sethy
 (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 KRISHIMAUSAM 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.-399
Date- 12/05/2023

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 0.5mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.5°C (1.19°C from normal)** and **27.1°C (2.3°C from normal)**, respectively. Mean relative humidity of the district was around 52-66%.

Forecasted period: Today(8.30IST) to 14th May (8.30IST)2023

Weather advisory:: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be 35-42°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-94% and 15-29% respectively. There will be clear to partly cloudy sky for next 5 days.

| Block | Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| Date | 09/05/2023 | 10/05/2023 | 11/05/2023 | 12/05/2023 | 13/05/2023 |
| Rainfall(mm) | 0 | 0 | 0 | 0 | 0 |
| T-Max(°C) | 38 | 35 | 38 | 39 | 42 |
| T-Min(°C) | 25 | 26 | 26 | 26 | 26 |
| Cloud Cover(octa) | 8 | 8 | 8 | 6 | 2 |
| RH Max (%) | 80 | 70 | 64 | 94 | 88 |
| RH Min (%) | 16 | 23 | 15 | 29 | 16 |
| Wind Speed (Kmph) | 12 | 11 | 15 | 16 | 16 |
| Wind Direction (deg) | 45 | 60 | 200 | 180 | 197 |

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for after next 3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

Summer Maize:

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm** in maize. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: *Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3 days.*

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Brinjal: If **phomopsis blight** will occur in brinjal, then spray zineb 75% WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75% WP 2gram/ltr of water. If **helicoverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

Cucurbits: **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** 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.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxichloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Banana: If **rhizome rot** will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g / litre of water.

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraco**.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sethy
(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 KRISHIMAUSAM 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.-399

Date- 12/05/2023

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 0mm and district received average 0.5mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.5°C (1.19°C from normal)** and **27.1°C (2.3°C from normal)**, respectively. Mean relative humidity of the district was around 52-66%.

Forecasted period: Today(8.30IST) to 14th May(8.30IST)2023

Weather Advisory: Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 35-42°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-94% and 16-31% respectively. There will be clear to partly cloudy sky for next 5 days.

| Block | Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| Date | 09/05/2023 | 10/05/2023 | 11/05/2023 | 12/05/2023 | 13/05/2023 |
| Rainfall(mm) | 0 | 0 | 0 | 0 | 0 |
| T-Max(°C) | 38 | 35 | 38 | 38 | 42 |
| T-Min(°C) | 25 | 26 | 26 | 26 | 26 |
| Cloud Cover(octa) | 8 | 8 | 8 | 6 | 2 |
| RH Max (%) | 80 | 70 | 65 | 94 | 88 |
| RH Min (%) | 16 | 23 | 16 | 31 | 17 |
| Wind Speed (Kmph) | 12 | 11 | 15 | 17 | 16 |
| Wind Direction (deg) | 45 | 60 | 200 | 180 | 199 |

Agromet Advisory

General advisory: Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for after next 3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

Summer Maize:

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm** in maize. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3 days.

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Brinjal: If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/ltr of water. If **helicopterpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

Cucurbits: **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** 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.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Banana: If **rhizome rot** will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalanil @ 2.0 g / litre of water.

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraxnose**.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sethy
(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 KRISHIMAUSAM 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.-399
Date- 12/05/2023

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 0mm and district received average 0.5mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.5°C (1.19°C from normal)** and **27.1°C (2.3°C from normal)**, respectively. Mean relative humidity of the district was around 52-66%.

Forecasted period: Today(8.30IST) to 14th May (8.30IST)2023

Weatheradvisory: Very Light to light rainfall/thundershower is forecasted for Saturday & Tuesday and dry weather is forecasted for other 3 days in the block. The day temperature will be **33-39°C** and night temperature will be **26-28°C** for upcoming 5 days. Maximum and minimum relative humidity will be 71-91% and 19-44% 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 | 09/05/2023 | 10/05/2023 | 11/05/2023 | 12/05/2023 | 13/05/2023 |
| Rainfall(mm) | 0 | 1 | 0 | 0 | 1 |
| T-Max(°C) | 37 | 33 | 37 | 34 | 39 |
| T-Min(°C) | 26 | 27 | 26 | 27 | 28 |
| Cloud Cover | 8 | 8 | 8 | 5 | 2 |
| RH Max (%) | 78 | 71 | 80 | 91 | 87 |
| RH Min (%) | 20 | 30 | 19 | 44 | 26 |
| Wind Speed (Kmph) | 14 | 13 | 15 | 21 | 22 |
| Wind Direction (deg) | 45 | 248 | 205 | 203 | 201 |

Agromet Advisory

General advisory: Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for after next 3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

Summer Maize:

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm in maize**. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3days.

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Brinjal: If phomopsis blight will occur in brinjal, then spray zineb 75% WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75% WP 2gram/ltr of water. If **helicopterpa** infestation will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

Cucurbits: Late Blight may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** 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.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Banana: If rhizome rot will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g / litre of water.

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraxnose**.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sethy
(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 KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)



Bulletin No.-399
Date- 12/05/2023

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

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 0mm and district received average 0.5mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.5°C (1.19°C from normal)** and **27.1°C (2.3°C from normal)**, respectively. Mean relative humidity of the district was around 52-66%.

Forecasted period: Today(8.30IST) to 14th May (8.30IST)2023

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for Saturday & Tuesday and dry weather is forecasted for other 3 days in the block.* The day temperature will be **32-41°C** and night temperature will be **26-28°C** for upcoming 5 days. Maximum and minimum relative humidity will be 69-90% and 18-37% 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) | | | | |
|----------------------|---|------------|------------|------------|------------|
| Date | 09/05/2023 | 10/05/2023 | 11/05/2023 | 12/05/2023 | 13/05/2023 |
| Rainfall(mm) | 0 | 1 | 0 | 0 | 1 |
| T-Max(°C) | 36 | 32 | 37 | 35 | 41 |
| T-Min(°C) | 26 | 27 | 26 | 27 | 28 |
| Cloud Cover(octa) | 8 | 8 | 8 | 5 | 2 |
| RH Max (%) | 78 | 69 | 78 | 90 | 86 |
| RH Min (%) | 20 | 30 | 18 | 37 | 21 |
| Wind Speed (Kmph) | 13 | 13 | 15 | 19 | 20 |
| Wind Direction (deg) | 45 | 252 | 205 | 201 | 203 |

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for after next 3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

Summer Maize:

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm** in maize. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: *Vegetables: Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3days.*

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Brinjal: If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/ltr of water. If **helicoverpa** infestation will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

Cucurbits: **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** 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.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Banana: If **rhizome rot** will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g / litre of water.

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraco-nose**.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sathy
(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 KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)



Bulletin No.-399
Date- 12/05/2023

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

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 0mm and district received average 0.5mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.5°C (1.19°C from normal)** and **27.1°C (2.3°C from normal)**, respectively. Mean relative humidity of the district was around 52-66%.

Forecasted period: Today(8.30IST) to 14th May (8.30IST)2023

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for Saturday & Tuesday and dry weather is forecasted for other 3 days in the block.* The day temperature will be 32-36°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-90% and 25-52% respectively. **There will be clear to partly cloudy sky for next 5days.**

| Block | Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| Date | 09/05/2023 | 10/05/2023 | 11/05/2023 | 12/05/2023 | 13/05/2023 |
| Rainfall(mm) | 0 | 2 | 0 | 0 | 1 |
| T-Max(°C) | 36 | 32 | 36 | 32 | 36 |
| T-Min(°C) | 26 | 27 | 27 | 27 | 28 |
| Cloud Cover(octa) | 8 | 8 | 8 | 5 | 1 |
| RH Max (%) | 79 | 72 | 86 | 90 | 86 |
| RH Min (%) | 26 | 33 | 25 | 52 | 39 |
| Wind Speed (Kmph) | 15 | 14 | 19 | 23 | 25 |
| Wind Direction (deg) | 109 | 248 | 203 | 203 | 201 |

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail for after next 3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

Summer Maize:

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm in maize**. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: *Vegetables: Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3days.*

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Brinjal: If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/ltr of water. If **helioverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

Cucurbits: **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** 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.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Banana: If **rhizome rot** will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g/ litre of water.

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraxnose**.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sethy
(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 KRISHIMAUSAM 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

AGROMET ADVISORY BULLETIN FOR MAHANGA



Bulletin No.-399

Date- 12/05/2023

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

The block received average 0.9mm and district received average 0.5mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.5°C (1.19°C from normal)** and **27.1°C (2.3°C from normal)**, respectively. Mean relative humidity of the district was around 52-66%.

Forecasted period: Today(8.30IST) to 14th May (8.30IST)2023

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for Saturday & Tuesday and dry weather is forecasted for other 3 days in the block.* The day temperature will be and it will be **32-40°C** and night temperature will be **26-28°C** for upcoming 5 days. Maximum and minimum relative humidity will be 67-87% and 19-44% respectively. **There will be clear to partly cloudy sky for next 5 days.**

| Block | Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| Date | 09/05/2023 | 10/05/2023 | 11/05/2023 | 12/05/2023 | 13/05/2023 |
| Rainfall(mm) | 0 | 2 | 0 | 0 | 2 |
| T-Max(°C) | 36 | 32 | 36 | 34 | 40 |
| T-Min(°C) | 26 | 27 | 26 | 27 | 28 |
| Cloud Cover(octal) | 8 | 8 | 8 | 5 | 2 |
| RH Max (%) | 77 | 67 | 84 | 87 | 83 |
| RH Min (%) | 24 | 37 | 19 | 44 | 29 |
| Wind Speed (Kmph) | 16 | 13 | 17 | 22 | 23 |
| Wind Direction (deg) | 109 | 288 | 203 | 203 | 201 |

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for after next 3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

Summer Maize:

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm in maize**. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: *Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3 days.*

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Brinjal: If **phomopsis blight** will occur in brinjal, then spray zineb 75% WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75% WP 2gram/ltr of water. If **helicopter** infestation will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

Cucurbits: **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** 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.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit: Banana: If **rhzomerot** will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g / litre of water.

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The spraying should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraxnose**.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sethy
(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 KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)



Bulletin No.-399
Date- 12/05/2023

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

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 4mm and district received average 0.5mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.5°C (1.19°C from normal)** and **27.1°C (2.3°C from normal)**, respectively. Mean relative humidity of the district was around 52-66%.

Forecasted period: Today(8.30IST) to 14th May (8.30IST)2023

Weather advisory: *Dry weather is forecasted for upcoming 5 days in the block.* The day temperature will be **35-42°C** and night temperature will be **24-26°C** for upcoming 5 days. Maximum and minimum relative humidity will be 60-83% and 08-17% respectively. There will be clear to partly cloudy sky for next 5 days.

| Block | Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|--|------------|------------|------------|------------|
| Date | 09/05/2023 | 10/05/2023 | 11/05/2023 | 12/05/2023 | 13/05/2023 |
| Rainfall(mm) | 0 | 0 | 0 | 0 | 0 |
| T-Max(°C) | 37 | 35 | 39 | 42 | 42 |
| T-Min(°C) | 24 | 25 | 24 | 26 | 26 |
| Cloud Cover(/octa) | 8 | 8 | 8 | 6 | 3 |
| RH Max (%) | 82 | 69 | 60 | 80 | 83 |
| RH Min (%) | 13 | 17 | 15 | 8 | 8 |
| Wind Speed (Kmph) | 8 | 8 | 9 | 6 | 8 |
| Wind Direction (deg) | 72 | 30 | 203 | 195 | 180 |

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for after next 3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

Summer Maize:

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm** in maize. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: *Vegetables: Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3 days.*

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Brinjal: If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/ltr of water. If **helicopterpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

Cucurbits: **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** 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.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Banana: If **rhizome rot** will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g / litre of water.

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraxnose**.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sethy
 (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 KRISHIMAUSAM 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.-399
Date- 12/05/2023

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 0.1mm and district received average 0.5mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.5°C (1.19°C from normal)** and **27.1°C (2.3°C from normal)**, respectively. Mean relative humidity of the district was around 52-66%.

Forecasted period: Today(8.30IST) to 14th May (8.30IST)2023

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for Saturday & Tuesday and dry weather is forecasted for other 3 days in the block.* The day temperature will be **32-36°C** and night temperature will be **26-29°C** for upcoming 5 days. Maximum and minimum relative humidity will be 74-90% and 27-55% respectively. **There will be clear to partly cloudy sky for next 5days.**

| Block | Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|---------------------|---|------------|------------|------------|------------|
| Date | 09/05/2023 | 10/05/2023 | 11/05/2023 | 12/05/2023 | 13/05/2023 |
| Rainfall(mm) | 0 | 2 | 0 | 0 | 1 |
| T-Max(°C) | 36 | 33 | 36 | 32 | 35 |
| T-Min(°C) | 26 | 27 | 27 | 27 | 29 |
| Cloud Cover(octa) | 8 | 8 | 8 | 5 | 1 |
| RH Max (%) | 80 | 74 | 87 | 90 | 87 |
| RH Min (%) | 32 | 36 | 27 | 55 | 50 |
| Wind Speed(Kmph) | 16 | 15 | 21 | 24 | 27 |
| Wind Direction(deg) | 109 | 248 | 203 | 203 | 203 |

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for after next 3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

Summer Maize:

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm** in maize. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: *Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3days.*

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl + Mancozeb/Carboxin + Thiram @ 2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Brinjal: If **phomopsis blight** will occur in brinjal, then spray zineb 75% WP 2gram/litre of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75% WP 2gram/litre of water. If **helicoverpa** infestation will be found, spray Flunendiamide or indoxacarb 2ml/litre of water.

Cucurbits: **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** 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.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Banana: If **rhizome rot** will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g/ litre of water.

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthracnose**.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sethy
(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 KRISHIMAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
(A Unit of ICAR-National Rice Research Institute)



Bulletin No.-399
Date- 12/05/2023

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

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 0mm and district received average 0.5mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.5°C (1.19°C from normal)** and **27.1°C (2.3°C from normal)**, respectively. Mean relative humidity of the district was around 52-66%.

Forecasted period: Today(8.30IST) to 14th May (8.30IST)2023

Weatheradvisory: *Very Light to light rainfall/thundershower is forecasted for Saturday & Tuesday and dry weather is forecasted for other 3 days in the block.* The day temperature will be 32-38°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-88% and 20-47% 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 | 09/05/2023 | 10/05/2023 | 11/05/2023 | 12/05/2023 | 13/05/2023 |
| Rainfall(mm) | 0 | 2 | 0 | 0 | 2 |
| T-Max(°C) | 36 | 32 | 36 | 33 | 38 |
| T-Min(°C) | 27 | 27 | 26 | 27 | 28 |
| Cloud Cover(octa) | 8 | 8 | 8 | 5 | 2 |
| RH Max (%) | 77 | 68 | 84 | 88 | 84 |
| RH Min (%) | 26 | 37 | 20 | 47 | 33 |
| Wind Speed (Kmph) | 16 | 13 | 16 | 22 | 24 |
| Wind Direction (deg) | 109 | 63 | 205 | 203 | 201 |

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for after next 3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

Summer Maize:

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm** in maize. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: *Vegetables: Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3days.*

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Brinjal: If **phomopsis blight** will occur in brinjal, then spray zineb 75% WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75% WP 2gram/ltr of water. If **helicoverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

Cucurbits: **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** 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.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Banana: If **rhizome rot** will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g / litre of water.

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The spraying should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraco**.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sethy
(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 KRISHIMAUSAM 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.-399
Date- 12/05/2023

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 0mm and district received average 0.5mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.5°C (1.19°C from normal)** and **27.1°C (2.3°C from normal)**, respectively. Mean relative humidity of the district was around 52-66%.

Forecasted period: Today(8.30IST) to 14th May(8.30IST)2023

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for Saturday & Tuesday and dry weather is forecasted for other 3 days in the block.* The day temperature will be **32-38°C** and night temperature will be **26-28°C** for upcoming 5 days. Maximum and minimum relative humidity will be 68-88% and 19-46% 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 | 09/05/2023 | 10/05/2023 | 11/05/2023 | 12/05/2023 | 13/05/2023 |
| Rainfall(mm) | 0 | 1 | 0 | 0 | 1 |
| T-Max(°C) | 36 | 32 | 36 | 33 | 38 |
| T-Min(°C) | 27 | 28 | 26 | 27 | 28 |
| Cloud Cover(octa) | 8 | 8 | 8 | 5 | 2 |
| RH Max (%) | 77 | 68 | 83 | 88 | 84 |
| RH Min (%) | 24 | 36 | 19 | 46 | 30 |
| Wind Speed (Kmph) | 15 | 13 | 16 | 22 | 24 |
| Wind Direction (deg) | 109 | 63 | 205 | 203 | 201 |

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for after next 3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

Summer Maize:

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm in maize**. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: *Vegetables: Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3days.*

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Brinjal: If **phomopsis blight** will occur in brinjal, then spray zineb 75% WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75% WP 2gram/ltr of water. If **helioverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

Cucurbits: **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** 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.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Banana: If **rhizome rot** will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g/ litre of water.

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraxnose**.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sathy
(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 KRISHIMAUSAM 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.-399

Date- 12/05/2023

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 3mm and district received average 0.5mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.5°C (1.19°C from normal)** and **27.1°C (2.3°C from normal)**, respectively. Mean relative humidity of the district was around 52-66%.

Forecasted period: Today(8.30IST) to 14th May (8.30IST)2023

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for Saturday & Tuesday and dry weather is forecasted for other 3 days in the block.* The day temperature will be **35-40°C** and night temperature will be **29-30°C** for upcoming 5 days. Maximum and minimum relative humidity will be 74-90% and 31-62% 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 | 09/05/2023 | 10/05/2023 | 11/05/2023 | 12/05/2023 | 13/05/2023 |
| Rainfall(mm) | 0 | 1 | 0 | 0 | 2 |
| T-Max(°C) | 37 | 35 | 40 | 36 | 36 |
| T-Min(°C) | 29 | 29 | 29 | 29 | 30 |
| Cloud Cover(octa) | 8 | 8 | 8 | 5 | 2 |
| RH Max (%) | 83 | 74 | 90 | 89 | 87 |
| RH Min (%) | 45 | 46 | 31 | 61 | 62 |
| Wind Speed (Kmph) | 19 | 15 | 23 | 27 | 29 |
| Wind Direction (deg) | 109 | 63 | 203 | 203 | 203 |

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for after next 3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

Summer Maize:

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm** in maize. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: *Vegetables: Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3 days.*

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Brinjal: If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/ltr of water. If **helicopter** infestation will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

Cucurbits: **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** 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.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxychloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Banana: If **rhizome rot** will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g / litre of water.

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The spraying should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraxnose**.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sethy
(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 KRISHIMAUSAM 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.-399
Date- 12/05/2023

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 0mm and district received average 0.5mm rainfall during the last week. The mean daily maximum and minimum temperature was **38.5°C (1.19°C from normal)** and **27.1°C (2.3°C from normal)**, respectively. Mean relative humidity of the district was around 52-66%.

Forecasted period: Today(8.30IST) to 14th May (8.30IST)2023

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for Tuesday and dry weather is forecasted for other 4 days in the block.* The day temperature will be 35-42°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-93% and 13-23% respectively. **There will be clear to partly cloudy sky for next 5 days.**

| Block | Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| Date | 09/05/2023 | 10/05/2023 | 11/05/2023 | 12/05/2023 | 13/05/2023 |
| Rainfall(mm) | 0 | 0 | 0 | 0 | 1 |
| T-Max(°C) | 38 | 35 | 38 | 40 | 42 |
| T-Min(°C) | 25 | 26 | 26 | 26 | 27 |
| Cloud Cover(octa) | 8 | 8 | 8 | 6 | 3 |
| RH Max (%) | 81 | 70 | 62 | 93 | 87 |
| RH Min (%) | 16 | 23 | 16 | 22 | 13 |
| Wind Speed (Kmph) | 11 | 11 | 13 | 14 | 14 |
| Wind Direction (deg) | 45 | 68 | 198 | 167 | 160 |

Agro met Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for after next 3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

Summer Maize:

There may be increase the infestation of **Red hairy caterpillar** in maize due to past rainfall, to minimize the infestation farmers may spray Neem oil 5ml/ltr of water or Chlorpyrifos 20 % EC @ 2ml/litre of water. Prolonged dry spell followed by rain may increase the infestation of **fall army worm** in maize. To control spray emamectin benzoate (5% S.G.) @ 0.4g per litre of water. If there will be infestation of **Stem rot** at vegetative stage as rainfall is forecasted, farmers may drench the crop root with Mancozeb 35.0%SC 3gram/ltr of water or validamycin 2ml/ltr of water.

Vegetables: *Vegetables: Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3 days.*

To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanjaa cake and spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

Okra: To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray Metalaxyl+Mancozeb/Carboxin+Thiram @ 2g/litre to control **rot or soil borne fungal disease**. Foliar spraying of Trifloxystrobin 25% + tebuconazole 50% WG @ 1g/lit or Difenoconazole @ 1ml/lit at 15 days interval to control **Cercospora leaf spot**.

Brinjal: If phomopsis blight will occur in brinjal, then spray zineb 75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/ltr of water. If **helicopterpa** infestation will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

Cucurbits: **Late Blight** may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** 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.

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper Oxchloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

Banana: If rhizome rot will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g / litre of water.

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraxnose**.

Papaya: After rain due to water logging there may be increase in the infestation of **phytophthora crown rot or foot rot** in papaya, so farmers should drain out excess water and drench the soil with fungicide like thiophanate methyl 70%wp 2-4g/ltr of water.

Animal husbandry:

As THI likely to be above 72, to escape dairy animals from thermal stress, make necessary arrangement for clean and sufficient drinking water with sufficient fodder crops for the animals. Keep farm animals indoor during the day time period.

Dr Sujata Sethy
(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.-399
 Date- 12/05/2023

| | | | | |
|--|---|---|--|---|
|  |  |  |  |  |
| 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 Sujata Sethy
 (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