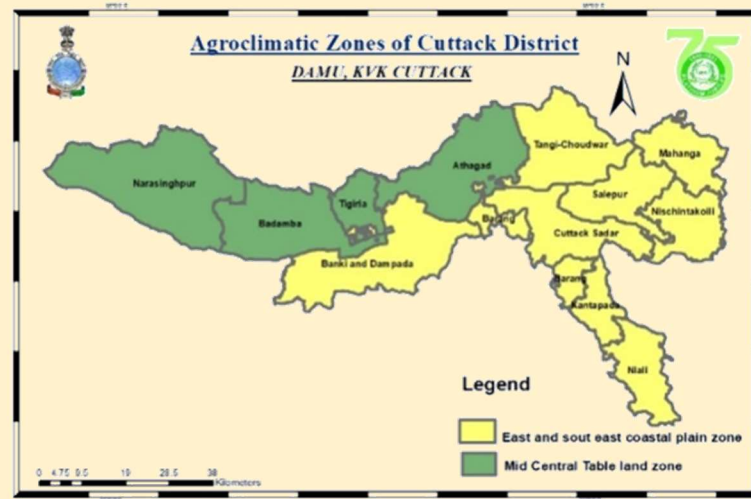




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 17th May, 2024
 (For the period 17th to 21st May, 2024)*



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





STANDARD PRECIPITATION INDEX AND NDVI MAP

| Standard Precipitation Index (SPI) | Normalized difference vegetation index (NDVI) |
|--|--|
| <p>Standardised Precipitation Index for the period 28th September to 25th October 2023</p> | <p>NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 19 (06.05.2024 to 12.05.2024) over Agricultural region</p> <p>Odisha</p> <p>Agriculture vigour is moderate at few places of the state.</p> |
| <p>As per SPI value (cumulative 4weeks -28 September to 25 October 2023), mildly dry condition was there in Cuttack district.</p> | <p>According to NDVI map (06.05.2024 to 12.05.2024) the agriculture vigor was very light to light over maximum blocksof Cuttack district.</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 |
| [Light Blue] | Below Normal | < 2°C from normal |
| [Green] | Normal | -2°C to +2°C from normal |
| [Yellow] | Above Normal | >2°C from normal |

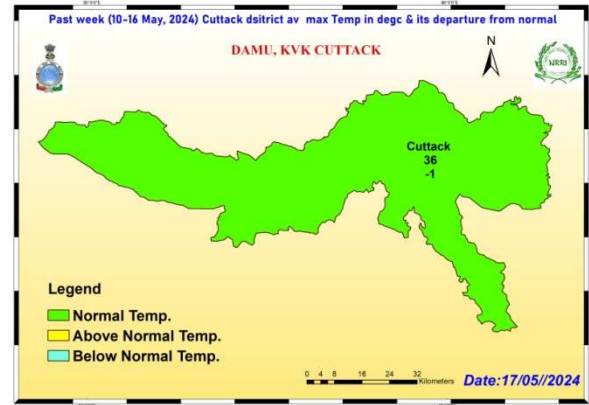
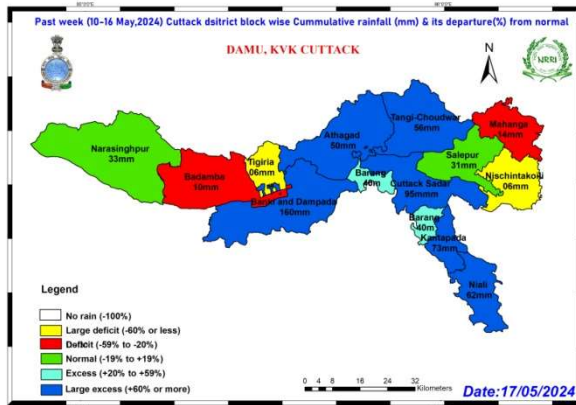




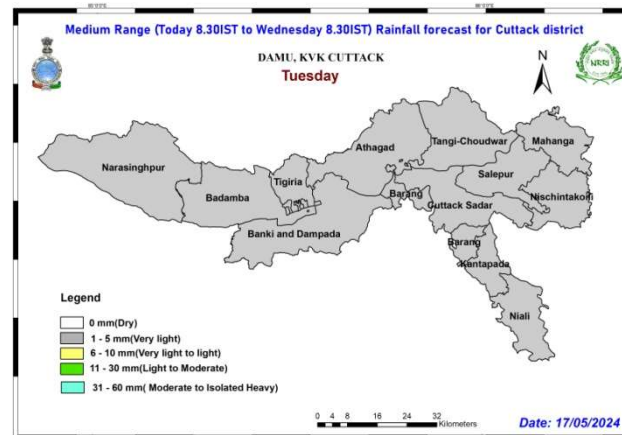
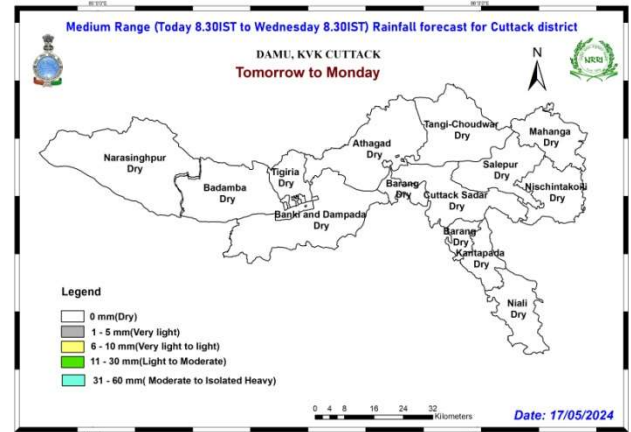
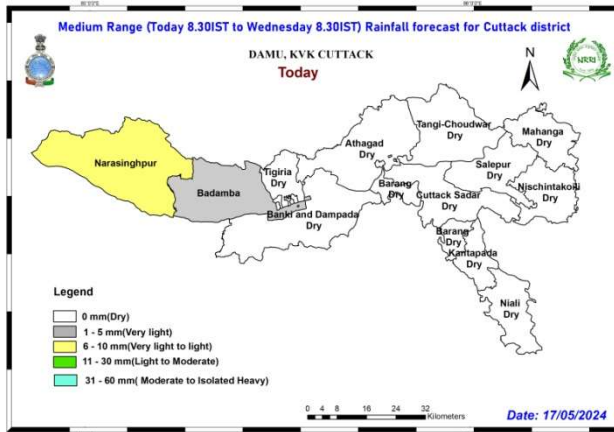
GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK



Past week (10-16 May, 2024) cumulative rainfall (mm) and its departure from normal weekly rainfall and (10-16 May, 2024) average maximum temperature and its departure from normal for Cuttack district



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





GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK













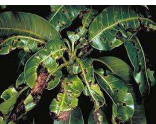
(A Unit of ICAR-National Rice Research Institute)

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

Bulletin No.-495

Date- 17/05/2024

Weather (Past and Forecasted) based Disease and pest in Major Crops and vegetables

| Sl No | Crop | Stage and condition of the crop | Anticipated Disease and pest |
|-------|-----------|---------------------------------|---|
| 1 | Tomato | Fruting |  Bacterial wilt |
| 2 | Okra | Vegetative to fruiting |  Yellow vein mosaiv(YMV) |
| | | |  fusarium and phytopthera |
| | | |  Cercospera leaf spot |
| 3 | Cucurbits | Flowering to Fruiting stage |  Late blight |
| | | |  Downy Mildew |
| | | |  Leaf spot |
| | | |  Stem Rot |
| | | |  Fruit rot |
| 4 | Mango | Fruiting stage |  Fruit borer |
| | | |  Anthracnose |





**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.-495
Date- 17/05/2024

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 7mm and district received average 06 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.4°C (-0.7 from normal) and 24.5°C (-0.6 from normal), respectively. The mean relative humidity was 69-75%.

Forecasted period: Today(8.30IST) to 22nd May(8.30IST)2024

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 31-38°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-80% and 20-34% respectively. **There will be clear to partly cloudy sky for next 5days.**

| Block | Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| | 17/05/2024 | 18/05/2024 | 19/05/2024 | 20/05/2024 | 21/05/2024 |
| Rainfall (mm) | 0 | 0 | 0 | 0 | 4 |
| T-Max (°C) | 38 | 31 | 37 | 38 | 38 |
| T-Min (°C) | 26 | 26 | 26 | 27 | 26 |
| Cloud Cover (octa) | 6 | 5 | 2 | 5 | 7 |
| RH Max (%) | 58 | 71 | 77 | 79 | 80 |
| RH Min (%) | 20 | 34 | 25 | 27 | 31 |
| Wind Speed (kmph) | 16 | 12 | 20 | 20 | 21 |
| Wind Direction (deg) | 206 | 199 | 203 | 180 | 191 |

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 in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

SUMMER PLOUGHING:

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, So Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

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.

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:

Mango: For control of mango fruit borer spray Neem oil 3ml + chloripyriphos 1 ml perlitre 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 Anthracnose.

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.





**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.-495
Date- 17/05/2024

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 1mm and district received average 06 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.4°C (-0.7 from normal) and 24.5°C (-0.6 from normal), respectively. The mean relative humidity was 69-75%.

Forecasted period: Today(8.30IST) to 22nd May(8.30IST)2024

Weather advisory: Very Light to light rainfall/thundershower is forecasted for today and Tuesday and dry weather is forecasted for other 3 days in the block. The day temperature will be 32-39°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 55-78% and 21-33% 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) | | | | |
|----------------------|---|------------|------------|------------|------------|
| | 17/05/2024 | 18/05/2024 | 19/05/2024 | 20/05/2024 | 21/05/2024 |
| Rainfall(mm) | 5 | 0 | 0 | 0 | 5 |
| T-Max(°C) | 38 | 32 | 38 | 39 | 39 |
| T-Min(°C) | 25 | 25 | 25 | 26 | 25 |
| Cloud Cover(octa) | 6 | 6 | 2 | 5 | 7 |
| RH Max (%) | 55 | 71 | 74 | 78 | 78 |
| RH Min (%) | 21 | 33 | 23 | 25 | 27 |
| Wind Speed (Kmph) | 14 | 10 | 16 | 16 | 20 |
| Wind Direction (deg) | 214 | 207 | 199 | 180 | 198 |

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 in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

SUMMER PLOUGHING:

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, So Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

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.

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:

Mango: For control of mango fruit borer spray Neem oil 3ml + chloripyriphos 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.

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.

AGROMET ADVISORY BULLETIN FOR BANKI

Dr Ranjan Kumar Mohanta
(Nodal officer)



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



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



GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK



(A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

Bulletin No.-495
 Date- 17/05/2024

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

The district received average 06 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.4°C (-0.7 from normal) and 24.5°C (-0.6 from normal), respectively. The mean relative humidity was 69-75%.

Forecasted period: Today(8.30IST) to 22nd May(8.30IST)2024

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 33-38°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 55-80% and 21-33% 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) | | | | |
|----------------------|--|------------|------------|------------|------------|
| | 17/05/2024 | 18/05/2024 | 19/05/2024 | 20/05/2024 | 21/05/2024 |
| Rainfall(mm) | 0 | 0 | 0 | 0 | 3 |
| T-Max(°C) | 38 | 33 | 37 | 38 | 38 |
| T-Min(°C) | 26 | 26 | 25 | 26 | 25 |
| Cloud Cover(octa) | 5 | 5 | 2 | 5 | 7 |
| RH Max (%) | 55 | 71 | 77 | 79 | 80 |
| RH Min (%) | 21 | 31 | 26 | 30 | 33 |
| Wind Speed (Kmph) | 16 | 12 | 20 | 21 | 22 |
| Wind Direction (deg) | 214 | 200 | 201 | 180 | 198 |

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 in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

SUMMER PLOUGHING:

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, So Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

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**.

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:

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chloripyriphos 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**.

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.





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.-495
Date- 17/05/2024

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 23mm and district received average 06 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.4°C (-0.7 from normal) and 24.5°C (-0.6 from normal), respectively. The mean relative humidity was 69-75%.

Forecasted period: Today(8.30IST) to 22nd May(8.30IST)2024

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 33-38°C and night temperature will be 26°C for upcoming 5 days. Maximum and minimum relative humidity will be 57-80% and 21-34% respectively. There will be clear to partly cloudy sky for next 5days.

| Block | Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| | 17/05/2024 | 18/05/2024 | 19/05/2024 | 20/05/2024 | 21/05/2024 |
| Rainfall(mm) | 0 | 0 | 0 | 0 | 5 |
| T-Max(°C) | 38 | 33 | 37 | 38 | 38 |
| T-Min(°C) | 26 | 26 | 26 | 26 | 26 |
| Cloud Cover(octa) | 5 | 5 | 2 | 5 | 7 |
| RH Max (%) | 57 | 71 | 77 | 79 | 80 |
| RH Min (%) | 21 | 30 | 26 | 31 | 34 |
| Wind Speed (Kmph) | 16 | 12 | 20 | 21 | 22 |
| Wind Direction (deg) | 206 | 200 | 203 | 180 | 198 |

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 in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

SUMMER PLOUGHING:

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, So Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

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.

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:

Mango: For control of mango fruit borer spray Neem oil 3ml + chloripyriphos 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 Anthracnose.

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.





**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.-495
Date- 17/05/2024**

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 6mm and district received average 06 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 36.4°C (-0.7 from normal) and 24.5°C (-0.6 from normal), respectively.** The mean relative humidity was 69-75%.

Forecasted period: Today(8.30IST) to 22nd May(8.30IST)2024

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 33-38°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-81% and 21-39% respectively. **There will be clear to partly cloudy sky for next 5days.**

| Block | Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| | 17/05/2024 | 18/05/2024 | 19/05/2024 | 20/05/2024 | 21/05/2024 |
| Rainfall(mm) | 0 | 0 | 0 | 0 | 5 |
| T-Max(°C) | 38 | 33 | 37 | 37 | 37 |
| T-Min(°C) | 27 | 27 | 27 | 27 | 26 |
| Cloud Cover | 5 | 5 | 1 | 5 | 7 |
| RH Max (%) | 66 | 70 | 79 | 80 | 81 |
| RH Min (%) | 21 | 28 | 29 | 34 | 39 |
| Wind Speed (Kmph) | 18 | 15 | 24 | 25 | 24 |
| Wind Direction (deg) | 216 | 205 | 203 | 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 likely to prevail in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

SUMMER PLOUGHING:

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, So Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

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**.

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:

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chloripyriphos 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**.

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.





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.-495
Date- 17/05/2024

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 14mm and district received average 06 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.4°C (-0.7 from normal) and 24.5°C (-0.6 from normal), respectively. The mean relative humidity was 69-75%.

Forecasted period: Today(8.30IST) to 22nd May(8.30IST)2024

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 31-38°C and night temperature will be 27°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-80% and 20-35% respectively. **There will be clear to partly cloudy sky for next 5 days.**

| Block | Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| | 17/05/2024 | 18/05/2024 | 19/05/2024 | 20/05/2024 | 21/05/2024 |
| Rainfall(mm) | 0 | 0 | 0 | 0 | 5 |
| T-Max(°C) | 38 | 31 | 37 | 37 | 37 |
| T-Min(°C) | 27 | 27 | 27 | 27 | 27 |
| Cloud Cover(octa) | 5 | 5 | 2 | 5 | 6 |
| RH Max (%) | 64 | 70 | 78 | 80 | 78 |
| RH Min (%) | 20 | 32 | 27 | 31 | 35 |
| Wind Speed (Kmph) | 17 | 15 | 23 | 23 | 22 |
| Wind Direction (deg) | 210 | 206 | 203 | 198 | 191 |

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 in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

SUMMER PLOUGHING:

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, So Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

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.

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:

Mango: For control of mango fruit borer spray Neem oil 3ml + chloripyriphos 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 Anthracnose.

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.





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.-495
Date- 17/05/2024

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 10mm and district received average 06 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.4°C (-0.7 from normal) and 24.5°C (-0.6 from normal), respectively. The mean relative humidity was 69-75%.

Forecasted period: Today(8.30IST) to 22nd May(8.30IST)2024

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 36-38°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-80% and 26-43% respectively. **There will be clear to partly cloudy sky for next 5 days.**

| Block | Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| | 17/05/2024 | 18/05/2024 | 19/05/2024 | 20/05/2024 | 21/05/2024 |
| Rainfall(mm) | 0 | 0 | 0 | 0 | 5 |
| T-Max(°C) | 38 | 36 | 37 | 37 | 36 |
| T-Min(°C) | 28 | 27 | 27 | 28 | 27 |
| Cloud Cover(octa) | 5 | 3 | 1 | 4 | 7 |
| RH Max (%) | 69 | 71 | 79 | 79 | 80 |
| RH Min (%) | 26 | 27 | 32 | 39 | 43 |
| Wind Speed (Kmph) | 19 | 17 | 26 | 26 | 24 |
| Wind Direction (deg) | 208 | 205 | 203 | 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 likely to prevail in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

SUMMER PLOUGHING:

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, So Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

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 Metalyxyl+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**.

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:

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chloripyriphos 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.

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.





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.-495
Date- 17/05/2024

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 2mm and district received average 06 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.4°C (-0.7 from normal) and 24.5°C (-0.6 from normal), respectively. The mean relative humidity was 69-75%.

Forecasted period: Today(8.30IST) to 22nd May(8.30IST)2024

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 and it will be 33-38°C and night temperature will be 27°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-79% and 21-38% respectively. **There will be clear to partly cloudy sky for next 5days.**

| Block | Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| | 17/05/2024 | 18/05/2024 | 19/05/2024 | 20/05/2024 | 21/05/2024 |
| Rainfall(mm) | 0 | 0 | 0 | 0 | 5 |
| T-Max(°C) | 38 | 33 | 37 | 38 | 37 |
| T-Min(°C) | 27 | 27 | 27 | 27 | 27 |
| Cloud Cover(octal) | 5 | 5 | 1 | 4 | 6 |
| RH Max (%) | 64 | 69 | 78 | 79 | 74 |
| RH Min (%) | 21 | 31 | 28 | 34 | 38 |
| Wind Speed (Kmph) | 19 | 17 | 24 | 24 | 23 |
| Wind Direction (deg) | 216 | 206 | 203 | 201 | 191 |

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 in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

SUMMER PLOUGHING:

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, So Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

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.**

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:

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chloripyriphos 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.

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.





**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.-495
Date- 17/05/2024

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 5mm and district received average 06 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 36.4°C (-0.7 from normal) and 24.5°C (-0.6 from normal), respectively.** The mean relative humidity was 69-75%.

Forecasted period: Today(8.30IST) to 22nd May(8.30IST)2024

Weather advisory: Very Light to light rainfall/thundershower is forecasted for today and Tuesday and dry weather is forecasted for other 3 days in the block. The day temperature will be 31-42°C and night temperature will be 23-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 57-80% and 18-35% 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) | | | | |
|----------------------|--|------------|------------|------------|------------|
| | 17/05/2024 | 18/05/2024 | 19/05/2024 | 20/05/2024 | 21/05/2024 |
| Rainfall(mm) | 7 | 0 | 0 | 0 | 5 |
| T-Max(°C) | 40 | 31 | 40 | 42 | 40 |
| T-Min(°C) | 25 | 23 | 24 | 25 | 24 |
| Cloud Cover(/octa) | 7 | 6 | 3 | 5 | 7 |
| RH Max (%) | 57 | 74 | 71 | 77 | 80 |
| RH Min (%) | 21 | 35 | 18 | 19 | 21 |
| Wind Speed (Kmph) | 9 | 7 | 10 | 9 | 14 |
| Wind Direction (deg) | 240 | 214 | 191 | 171 | 198 |

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 in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

SUMMER PLOUGHING:

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, So Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

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

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**.

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:

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chloripyriphos 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**.

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.





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.-495
 Date- 17/05/2024

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 9mm and district received average 06 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 36.4°C (-0.7 from normal) and 24.5°C (-0.6 from normal), respectively.** The mean relative humidity was 69-75%.

Forecasted period: Today(8.30IST) to 22nd May(8.30IST)2024

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 36-38°C and night temperature will be 26-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-80% and 29-48% respectively. **There will be clear to partly cloudy sky for next 5days.**

| Block | Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|---------------------|---|------------|------------|------------|------------|
| | 17/05/2024 | 18/05/2024 | 19/05/2024 | 20/05/2024 | 21/05/2024 |
| Rainfall(mm) | 0 | 0 | 0 | 0 | 5 |
| T-Max(°C) | 38 | 37 | 37 | 36 | 36 |
| T-Min(°C) | 28 | 27 | 27 | 28 | 26 |
| Cloud Cover(octa) | 5 | 3 | 1 | 4 | 7 |
| RH Max (%) | 72 | 73 | 79 | 79 | 80 |
| RH Min (%) | 29 | 29 | 35 | 45 | 48 |
| Wind Speed(Kmph) | 20 | 18 | 26 | 26 | 25 |
| Wind Direction(deg) | 212 | 207 | 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 likely to prevail in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

SUMMER PLOUGHING:

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, So Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

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.**

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:

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chloripyriphos 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.**

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.





**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.-495
Date- 17/05/2024

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 0.9mm and district received average 06 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 36.4°C (-0.7 from normal) and 24.5°C (-0.6 from normal), respectively.** The mean relative humidity was 69-75%.

Forecasted period: Today(8.30IST) to 22nd May(8.30IST)2024

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 35-39°C and night temperature will be 27°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-79% and 22-40% 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 | 17/05/2024 | 18/05/2024 | 19/05/2024 | 20/05/2024 | 21/05/2024 |
| Rainfall(mm) | 0 | 0 | 0 | 0 | 5 |
| T-Max(°C) | 39 | 35 | 37 | 37 | 36 |
| T-Min(°C) | 27 | 27 | 27 | 27 | 27 |
| Cloud Cover(octa) | 5 | 4 | 1 | 4 | 6 |
| RH Max (%) | 66 | 69 | 78 | 79 | 74 |
| RH Min (%) | 22 | 29 | 30 | 35 | 40 |
| Wind Speed (Kmph) | 19 | 17 | 25 | 25 | 23 |
| Wind Direction (deg) | 216 | 206 | 203 | 201 | 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 likely to prevail in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

SUMMER PLOUGHING:

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, So Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

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.**

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:

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chloripyriphos 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**se.

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.





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.-495
 Date- 17/05/2024

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 4mm and district received average 06 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 36.4°C (-0.7 from normal) and 24.5°C (-0.6 from normal), respectively.** The mean relative humidity was 69-75%.

Forecasted period: Today(8.30IST) to 22nd May(8.30IST)2024

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 34-38°C and night temperature will be 27°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-79% and 21-39% 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 | 17/05/2024 | 18/05/2024 | 19/05/2024 | 20/05/2024 | 21/05/2024 |
| Rainfall(mm) | 0 | 0 | 0 | 0 | 5 |
| T-Max(°C) | 38 | 34 | 37 | 37 | 37 |
| T-Min(°C) | 27 | 27 | 27 | 27 | 27 |
| Cloud Cover(octa) | 5 | 5 | 1 | 4 | 6 |
| RH Max (%) | 65 | 69 | 78 | 79 | 74 |
| RH Min (%) | 21 | 29 | 29 | 34 | 39 |
| Wind Speed (Kmph) | 19 | 17 | 25 | 24 | 23 |
| Wind Direction (deg) | 216 | 206 | 203 | 201 | 191 |

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 in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

SUMMER PLOUGHING:

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, So Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

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

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.**

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:

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

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.





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.-495
Date- 17/05/2024

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 8mm and district received average 06 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.4°C (-0.7 from normal) and 24.5°C (-0.6 from normal), respectively. The mean relative humidity was 69-75%.

Forecasted period: Today(8.30IST) to 22nd May(8.30IST)2024

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 37-40°C and night temperature will be 30-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-81% and 36-54% 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) | | | | |
|----------------------|--|------------|------------|------------|------------|
| | 17/05/2024 | 18/05/2024 | 19/05/2024 | 20/05/2024 | 21/05/2024 |
| Rainfall(mm) | 0 | 0 | 0 | 0 | 5 |
| T-Max(°C) | 40 | 39 | 38 | 37 | 37 |
| T-Min(°C) | 31 | 30 | 30 | 30 | 30 |
| Cloud Cover(octa) | 4 | 3 | 1 | 2 | 5 |
| RH Max (%) | 75 | 76 | 79 | 81 | 80 |
| RH Min (%) | 38 | 36 | 42 | 53 | 54 |
| Wind Speed (Kmph) | 24 | 21 | 28 | 27 | 25 |
| Wind Direction (deg) | 225 | 207 | 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 likely to prevail in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

SUMMER PLOUGHING:

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, So Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

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 Metalyxyl+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.

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:

Mango: For control of mango fruit borer spray Neem oil 3ml + chloripyriphos 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.

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.





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.-495
Date- 17/05/2024

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 0.9mm and district received average 06 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.4°C (-0.7 from normal) and 24.5°C (-0.6 from normal), respectively. The mean relative humidity was 69-75%.

Forecasted period: Today(8.30IST) to 22nd May(8.30IST)2024

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 31-39°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-78% and 21-35% 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) | | | | |
|----------------------|---|------------|------------|------------|------------|
| | 17/05/2024 | 18/05/2024 | 19/05/2024 | 20/05/2024 | 21/05/2024 |
| Rainfall(mm) | 0 | 0 | 0 | 0 | 5 |
| T-Max(°C) | 38 | 31 | 37 | 39 | 39 |
| T-Min(°C) | 26 | 25 | 25 | 26 | 26 |
| Cloud Cover(octa) | 6 | 6 | 2 | 5 | 7 |
| RH Max (%) | 56 | 71 | 76 | 78 | 78 |
| RH Min (%) | 21 | 35 | 24 | 26 | 28 |
| Wind Speed (Kmph) | 15 | 11 | 18 | 18 | 20 |
| Wind Direction (deg) | 214 | 199 | 199 | 180 | 198 |

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 likely to prevail in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

SUMMER PLOUGHING:

In dry sunny days, go for summer ploughing at places receiving soaking rainfall to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.

GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice

Summer Maize:

Where Maize is a standing crop now, at their critical growth stage of soil moisture/irrigation i.e tasseling to silking stage to grain formation which stage demands high water/soil moisture content due to high LAI. Water deficit at that stage will negatively affect the fertilization, grain number per cob, and as a result, the final yield of maize is reduced, So Farmers are advised to maintain proper moisture in the maize crop by giving light irrigation as per requirement.

Vegetables:

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**.

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:

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chloripyriphos 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**se.

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.

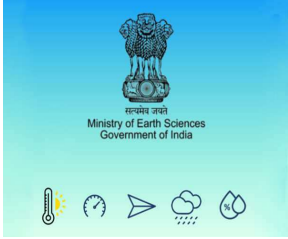
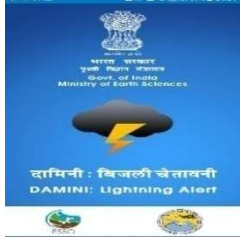


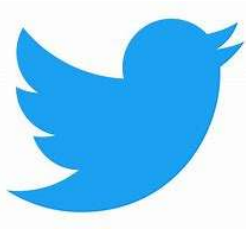






GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
 (A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-495
Date- 17/05/2024

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

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

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

