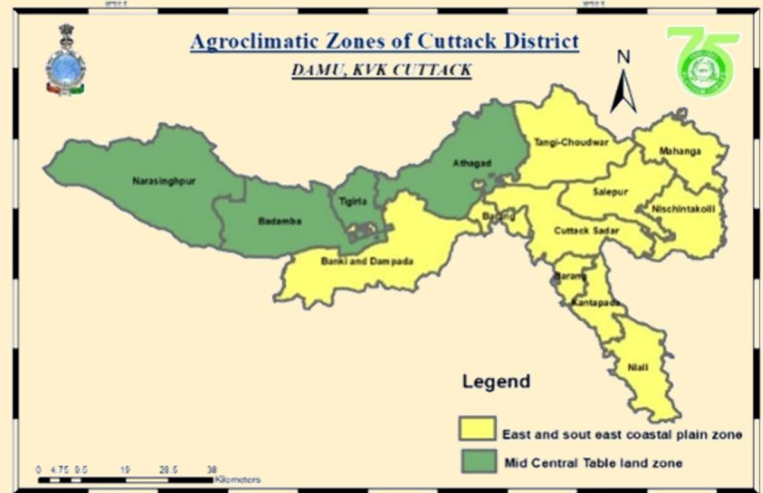




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 10th May, 2024
 (For the period 10th to 14th May, 2024)*



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





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



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Bulletin No.-493
 Date- 10/05/2024

STANDARD PRECIPITATION INDEX AND NDVI MAP

| Standard Precipitation Index (SPI) | Normalized difference vegetation Index (NDVI) |
|---|---|
| <p>Standardised Precipitation Index for the period 28th September to 25th October 2023</p> <p>MINISTRY OF EARTH SCIENCES INDIA METEOROLOGICAL DEPARTMENT HYDROMET SECTION, CRS PUNE</p> <p>STANDARDIZED PRECIPITATION INDEX FOR THE PERIOD 28 SEPTEMBER TO 25 OCTOBER 2023</p> <p>SPI VALUES</p> <ul style="list-style-type: none"> -2.0 to -1.99 (Extremely Dry) -1.99 to -1.98 (Very Dry) -1.98 to -1.97 (Dry) -1.97 to -1.96 (Moderately Dry) -1.96 to -1.95 (Slightly Dry) -1.95 to -1.94 (Near Normal) -1.94 to -1.93 (Slightly Wet) -1.93 to -1.92 (Moderately Wet) -1.92 to -1.91 (Dry) -1.91 to -1.90 (Very Dry) -1.90 to -1.89 (Extremely Dry) | <p>NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 16 (22.04.2024 to 29.04.2024) over Agricultural region</p> <p>Odisha</p> <ul style="list-style-type: none"> -0.9999 - 0 0 - 0.05 0.05 - 0.1 0.1 - 0.15 0.15 - 0.2 0.2 - 0.25 0.25 - 0.3 0.3 - 0.35 0.35 - 0.4 0.4 - 0.45 0.45 - 0.5 0.5 - 0.55 0.55 - 0.6 > 0.6 <p>Bare soil, rocks clouds, rain, snow, etc.</p> <p>Moderate</p> <p>Good</p> <p>Very good</p> <p>Agriculture vigour is good at isolated 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 (22.04.2024 to 29.04.2024) the agriculture vigor was very light to light over maximum western blocksof Cuttack district and light to moderate over isolated places of Mahanga, Nischintakoili, Tangichoudwar, Salepur and Banki-damapada.</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 |
| Blue | Below Normal | < 2°C from normal |
| Green | Normal | -2°C to +2°C from normal |
| Yellow | Above Normal | >2°C from normal |

Dr Sujata Sethy
 (Nodal officer)



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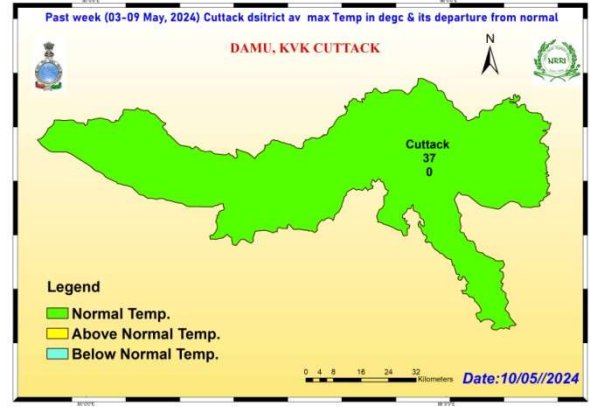
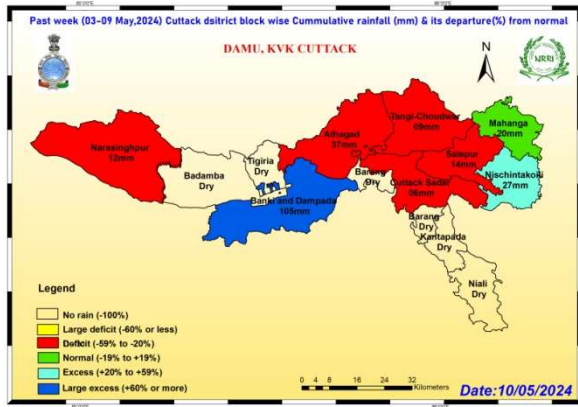


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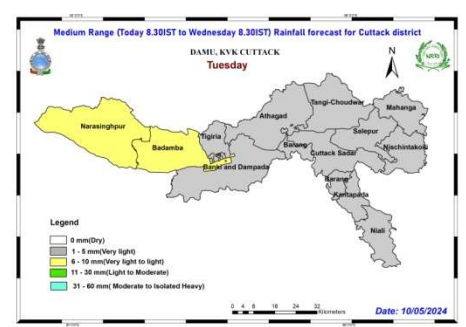
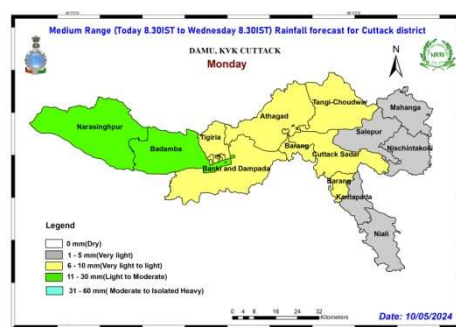
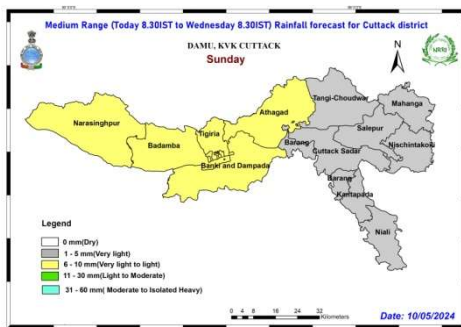
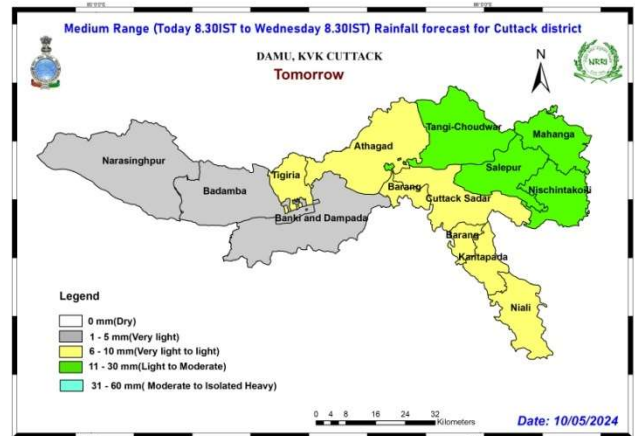
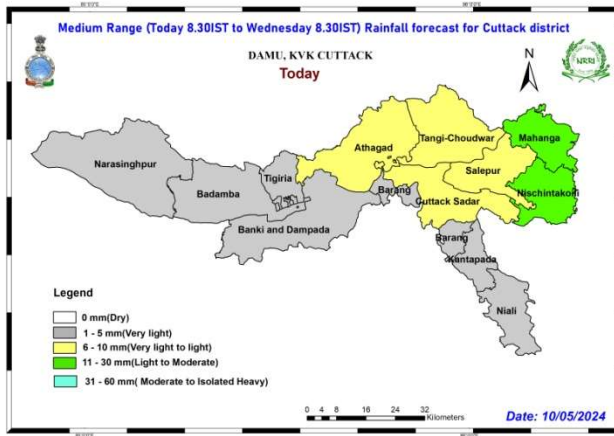


Bulletin No.-493
 Date- 10/05/2024

Past week (03-09 May, 2024) cumulative rainfall (mm) and its departure from normal weekly rainfall and (03-09 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



Dr Sujata Sethy
 (Nodal officer)



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Bulletin No.-493
Date- 10/05/2024

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

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(Nodal officer)



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

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-493
Date- 10/05/2024

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 5mm and district received average 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.4°C (+0.07from normal) and 25.6°C (+0.9from normal), respectively. The mean relative humidity was 67-76%.

Forecasted period: Today(8.30IST) to 15th May(8.30IST)2024

Weather advisory: Light to moderate rainfall/thundershower is forecasted for upcoming 5 days in the block. The day temperature will be 34-38°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-85% and 27-37% respectively. There will be clear to partly cloudy sky for next 5days.

| Block | Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| | 10/05/2024 | 11/05/2024 | 12/05/2024 | 13/05/2024 | 14/05/2024 |
| Rainfall (mm) | 7 | 8 | 6 | 8 | 5 |
| T-Max (°C) | 34 | 36 | 38 | 35 | 35 |
| T-Min (°C) | 26 | 26 | 27 | 26 | 26 |
| Cloud Cover (octa) | 1 | 0 | 5 | 3 | 3 |
| RH Max (%) | 83 | 85 | 79 | 83 | 81 |
| RH Min (%) | 32 | 32 | 27 | 37 | 31 |
| Wind Speed (kmph) | 19 | 22 | 18 | 18 | 18 |
| Wind Direction (deg) | 193 | 198 | 193 | 193 | 200 |

Agromet Advisory

General advisory: Farmers should stop plant protection measures and irrigation activities in coming 5 days and are advised to make proper drainage in field. Farmers should carry out land preparation for sowing of bitter gourd, ridge gourd and cucumber and should start sowing of summer vegetables by utilizing the rainfall.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from Monday on wards at isolated places of Cuttack district.

Summer Maize:

There may be increase the infestation of **Red hairy caterpillar** in maize after 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: After rain there may be chances of increase in infestation of wilting in 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.

Brinjal:

If **phomopsis blight** will occur in brinjal, then spray zineb75%WP 2gram/litr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If **helicoverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

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.

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:

Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-493
Date- 10/05/2024

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 03 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 37.4°C (+0.07from normal) and 25.6°C (+0.9from normal), respectively.** The mean relative humidity was 67-76%.

Forecasted period: Today(8.30IST) to 15th May(8.30IST)2024

Weatheradvisory:: Light to moderate rainfall/thundershower is forecasted for upcoming 5 days in the block. The day temperature will be 34-38°C and night temperature will be 24-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-86% and 25-39% respectively. **There will be clear to partly cloudy sky for next 5days.**

| Block | Badamba(VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|--|------------|------------|------------|------------|
| Date | 10/05/2024 | 11/05/2024 | 12/05/2024 | 13/05/2024 | 14/05/2024 |
| Rainfall(mm) | 4 | 3 | 7 | 11 | 6 |
| T-Max(°C) | 34 | 37 | 38 | 35 | 35 |
| T-Min(°C) | 25 | 24 | 25 | 25 | 25 |
| Cloud Cover(octa) | 1 | 2 | 5 | 3 | 3 |
| RH Max (%) | 81 | 86 | 81 | 81 | 78 |
| RH Min (%) | 30 | 29 | 25 | 39 | 30 |
| Wind Speed (Kmph) | 17 | 18 | 14 | 15 | 15 |
| Wind Direction (deg) | 167 | 198 | 198 | 180 | 189 |

Agromet Advisory

General advisory: **Farmers should stop plant protection measures and irrigation activities in coming 5 days and are advised to make proper drainage in field. Farmers should carry out land preparation for sowing of bitter gourd, ridge gourd and cucumber and should start sowing of summer vegetables by utilizing the rainfall.**

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from Monday onwards at isolated places of Cuttack district.

Summer Maize:

There may be increase the infestation of **Red hairy caterpillar** in maize after 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: After rain there may be chances of increase in infestation of wilting in 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.

Brinjal:

If **phomopsis blight** will occur in brinjal, then spray zineb75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%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 **rhizomerot** 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) chlorothalanyl @ 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.

Papaya: After rain due to water logging there may be increase in the infestation of **phytopthera 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:

Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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**Bulletin No.-493
Date- 10/05/2024**

AGROMET ADVISORY BULLETIN FOR BANKI

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

The district received average 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.4°C (+0.07from normal) and 25.6°C (+0.9from normal), respectively. The mean relative humidity was 67-76%.

Forecasted period: Today(8.30IST) to 15th May(8.30IST)2024

Weatheradvisory:: Light to moderate rainfall/thundershower is forecasted for upcoming 5 days in the block. The day temperature will be 34-38°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-86% and 29-41% respectively. **There will be clear to partly cloudy sky for next 5days.**

| Block | Banki(VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|--|------------|------------|------------|------------|
| Date | 10/05/2024 | 11/05/2024 | 12/05/2024 | 13/05/2024 | 14/05/2024 |
| Rainfall(mm) | 3 | 4 | 8 | 10 | 5 |
| T-Max(°C) | 34 | 37 | 38 | 34 | 35 |
| T-Min(°C) | 25 | 25 | 26 | 25 | 26 |
| Cloud Cover(octa) | 1 | 1 | 5 | 3 | 3 |
| RH Max (%) | 83 | 86 | 81 | 83 | 80 |
| RH Min (%) | 32 | 32 | 29 | 41 | 32 |
| Wind Speed (Kmph) | 19 | 22 | 19 | 17 | 17 |
| Wind Direction (deg) | 198 | 198 | 199 | 180 | 200 |

Agromet Advisory

General advisory: Farmers should stop plant protection measures and irrigation activities in coming 5 days and are advised to make proper drainage in field. Farmers should carry out land preparation for sowing of bitter gourd, ridge gourd and cucumber and should start sowing of summer vegetables by utilizing the rainfall.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from Monday onwards at isolated places of Cuttack district.

Summer Maize:

There may be increase in the infestation of **Red hairy caterpillar** in maize after 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:

After rain there may be chances of increase in infestation of wilting in 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.

Brinjal:

If **phomopsis blight** will occur in brinjal, then spray zineb75%WP 2gram/litr of water. **Cercopspera leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If **helicoverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

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) chlorothalanyl @ 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.

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:

Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

**Dr Sujata Sethy
(Nodal officer)**



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Bulletin No.-493
Date- 10/05/2024

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 15mm and district received average 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.4°C (+0.07from normal) and 25.6°C (+0.9from normal), respectively. The mean relative humidity was 67-76%.

Forecasted period: Today(8.30IST) to 15th May(8.30IST)2024

Weather Advisory: Light to moderate rainfall/thundershower is forecasted for upcoming 5 days in the block. The day temperature will be 34-38°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 81-86% and 29-41% respectively. There will be clear to partly cloudy sky for next 5 days.

| Block | Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | | |
|----------------------|---|------------|------------|------------|------------|------------|
| | Date | 10/05/2024 | 11/05/2024 | 12/05/2024 | 13/05/2024 | 14/05/2024 |
| Rainfall(mm) | | 5 | 3 | 8 | 9 | 5 |
| T-Max(°C) | | 34 | 36 | 38 | 34 | 35 |
| T-Min(°C) | | 26 | 25 | 26 | 25 | 26 |
| Cloud Cover(octa) | | 1 | 1 | 5 | 3 | 3 |
| RH Max (%) | | 83 | 86 | 81 | 83 | 81 |
| RH Min (%) | | 32 | 33 | 29 | 41 | 33 |
| Wind Speed (Kmph) | | 19 | 22 | 19 | 17 | 17 |
| Wind Direction (deg) | | 201 | 198 | 199 | 180 | 200 |

Agromet Advisory

General advisory: Farmers should stop plant protection measures and irrigation activities in coming 5 days and are advised to make proper drainage in field. Farmers should carry out land preparation for sowing of bitter gourd, ridge gourd and cucumber and should start sowing of summer vegetables by utilizing the rainfall.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from Monday on wards at isolated places of Cuttack district.

Summer Maize:

There may be increase the infestation of **Red hairy caterpillar** in maize after 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/litre of water.

Vegetables:

After rain there may be chances of increase in infestation of wilting in 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.

Brinjal:

If **phomopsis blight** will occur in brinjal, then spray zineb75%WP 2gram/litre of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%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.

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: Make necessary arrangement for clean and sufficient drinking water for the animals. Keep farm animals indoor during the thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-493
Date- 10/05/2024

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 03 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 37.4°C (+0.07from normal) and 25.6°C (+0.9from normal), respectively.** The mean relative humidity was 67-76%.

Forecasted period: Today(8.30IST) to 15th May(8.30IST)2024

Weatheradvisory: *Light to moderate rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be 33-37°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-84% and 30-40% respectively. **There will be clear to partly cloudy sky for next 5days.**

| Block | Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| | 10/05/2024 | 11/05/2024 | 12/05/2024 | 13/05/2024 | 14/05/2024 |
| Rainfall(mm) | 5 | 6 | 5 | 6 | 5 |
| T-Max(°C) | 33 | 34 | 37 | 34 | 34 |
| T-Min(°C) | 27 | 27 | 27 | 26 | 27 |
| Cloud Cover | 1 | 1 | 5 | 3 | 2 |
| RH Max (%) | 82 | 83 | 80 | 82 | 84 |
| RH Min (%) | 35 | 40 | 30 | 38 | 35 |
| Wind Speed (Kmph) | 22 | 25 | 23 | 20 | 20 |
| Wind Direction (deg) | 203 | 203 | 198 | 201 | 203 |

Agromet Advisory

General advisory: *Farmers should stop plant protection measures and irrigation activities in coming 5 days and are advised to make proper drainage in field. Farmers should carry out land preparation for sowing of bitter gourd, ridge gourd and cucumber and should start sowing of summer vegetables by utilizing the rainfall.*

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from Monday onwards at isolated places of Cuttack district.

Summer Maize:

There may be increase the infestation of **Red hairy caterpillar** in maize after 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: After rain there may be chances of increase in infestation of **wilting in 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.

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 **helicopterpa 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 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 **rhizomerot** 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.

Papaya: After rain due to water logging there may be increase in the infestation of **phytopthera 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:

Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-493
Date- 10/05/2024

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 0.9mm and district received average 03 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 37.4°C (+0.07from normal) and 25.6°C (+0.9from normal), respectively.** The mean relative humidity was 67-76%.

Forecasted period: Today(8.30IST) to 15th May(8.30IST)2024

Weather advisory: *Light to moderate rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be 33-37°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-84% and 29-37% 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) | | | | |
|----------------------|---|------------|------------|------------|------------|
| | 10/05/2024 | 11/05/2024 | 12/05/2024 | 13/05/2024 | 14/05/2024 |
| Rainfall(mm) | 7 | 8 | 5 | 6 | 5 |
| T-Max(°C) | 33 | 35 | 37 | 34 | 34 |
| T-Min(°C) | 27 | 27 | 27 | 26 | 27 |
| Cloud Cover(octa) | 1 | 0 | 4 | 2 | 3 |
| RH Max (%) | 82 | 84 | 79 | 82 | 82 |
| RH Min (%) | 34 | 36 | 29 | 37 | 33 |
| Wind Speed (Kmph) | 21 | 24 | 21 | 19 | 19 |
| Wind Direction (deg) | 203 | 203 | 198 | 201 | 200 |

Agromet Advisory

General advisory: *Farmers should stop plant protection measures and irrigation activities in coming 5 days and are advised to make proper drainage in field. Farmers should carry out land preparation for sowing of bitter gourd, ridge gourd and cucumber and should start sowing of summer vegetables by utilizing the rainfall.*

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from Monday on wards at isolated places of Cuttack district.

Summer Maize:

There may be increase the infestation of **Red hairy caterpillar** in maize after 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/litr of water.

Vegetables: After rain there may be chances of increase in infestation of wilting in 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.

Brinjal:

If phomopsis blight will occur in brinjal, then spray zineb75%WP 2gram/litr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If **helicoverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

Cucurbit:

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 cucurbit 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 **rhizomerot** 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 + chloripyrifos 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.

Papaya: After rain due to water logging there may be increase in the infestation of **phytopthera 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:

Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-493
Date- 10/05/2024

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 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.4°C (+0.07from normal) and 25.6°C (+0.9from normal), respectively. The mean relative humidity was 67-76%.

Forecasted period: Today(8.30IST) to 15th May(8.30IST)2024

Weather advisory: Light to moderate rainfall/thundershower is forecasted for upcoming 5 days in the block. The day temperature will be 33-36°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-84% and 35-46% 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 | 10/05/2024 | 11/05/2024 | 12/05/2024 | 13/05/2024 | 14/05/2024 |
| Rainfall(mm) | 5 | 8 | 5 | 5 | 4 |
| T-Max(°C) | 33 | 33 | 36 | 34 | 34 |
| T-Min(°C) | 27 | 27 | 27 | 26 | 27 |
| Cloud Cover(octa) | 0 | 1 | 4 | 3 | 2 |
| RH Max (%) | 82 | 82 | 80 | 81 | 84 |
| RH Min (%) | 39 | 46 | 35 | 41 | 40 |
| Wind Speed (Kmph) | 23 | 26 | 24 | 21 | 21 |
| Wind Direction (deg) | 203 | 203 | 203 | 201 | 201 |

Agromet Advisory

General advisory: Farmers should stop plant protection measures and irrigation activities in coming 5 days and are advised to make proper drainage in field. Farmers should carry out land preparation for sowing of bitter gourd, ridge gourd and cucumber and should start sowing of summer vegetables by utilizing the rainfall.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from Monday onwards at isolated places of Cuttack district.

Summer Maize:

There may be increase the infestation of **Red hairy caterpillar** in maize after 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: After rain there may be chances of increase in infestation of wilting in 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.

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) chlorothalanyl @ 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.

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:

Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-493
Date- 10/05/2024

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 3mm and district received average 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.4°C (+0.07from normal) and 25.6°C (+0.9from normal), respectively. The mean relative humidity was 67-76%.

Forecasted period: Today(8.30IST) to 15th May(8.30IST)2024

Weather advisory: Light to moderate rainfall/thundershower is forecasted for upcoming 5 days in the block. The day temperature will be and it will be 33-37°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 76-82% and 31-40% 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 | 10/05/2024 | 11/05/2024 | 12/05/2024 | 13/05/2024 | 14/05/2024 |
| Rainfall(mm) | 12 | 13 | 5 | 5 | 4 |
| T-Max(°C) | 33 | 34 | 37 | 34 | 34 |
| T-Min(°C) | 27 | 27 | 27 | 26 | 27 |
| Cloud Cover(octal) | 1 | 1 | 4 | 3 | 3 |
| RH Max (%) | 82 | 82 | 76 | 79 | 80 |
| RH Min (%) | 39 | 40 | 31 | 38 | 36 |
| Wind Speed (Kmph) | 21 | 25 | 23 | 19 | 19 |
| Wind Direction (deg) | 203 | 203 | 201 | 203 | 203 |

Agromet Advisory

General advisory: Farmers should stop plant protection measures and irrigation activities in coming 5 days and are advised to make proper drainage in field. Farmers should carry out land preparation for sowing of bitter gourd, ridge gourd and cucumber and should start sowing of summer vegetables by utilizing the rainfall.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from Monday onwards at isolated places of Cuttack district.

Summer Maize:

There may be increase the infestation of **Red hairy caterpillar** in maize after 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: After rain there may be chances of increase in infestation of wilting in 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.

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.

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:

Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-493
Date- 10/05/2024

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 1.7mm and district received average 03 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 37.4°C (+0.07 from normal) and 25.6°C (+0.9 from normal), respectively.** The mean relative humidity was 67-76%.

Forecasted period: Today(8.30IST) to 15th May(8.30IST)2024

Weather advisory: *Light to moderate rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be 36-39°C and night temperature will be 23-24°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-86% and 22-32% 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 | 10/05/2024 | 11/05/2024 | 12/05/2024 | 13/05/2024 | 14/05/2024 |
| Rainfall(mm) | 3 | 3 | 8 | 12 | 6 |
| T-Max(°C) | 36 | 37 | 39 | 36 | 36 |
| T-Min(°C) | 24 | 23 | 23 | 24 | 24 |
| Cloud Cover(/octa) | 2 | 2 | 5 | 3 | 5 |
| RH Max (%) | 80 | 86 | 85 | 79 | 80 |
| RH Min (%) | 26 | 26 | 22 | 32 | 26 |
| Wind Speed (Kmph) | 11 | 12 | 10 | 10 | 10 |
| Wind Direction (deg) | 167 | 198 | 203 | 189 | 189 |

Agromet Advisory

General advisory: *Farmers should stop plant protection measures and irrigation activities in coming 5 days and are advised to make proper drainage in field. Farmers should carry out land preparation for sowing of bitter gourd, ridge gourd and cucumber and should start sowing of summer vegetables by utilizing the rainfall.*

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from Monday onwards at isolated places of Cuttack district.

Summer Maize:

There may be increase in the infestation of **Red hairy caterpillar** in maize after 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: After rain there may be chances of increase in infestation of wilting in vegetables. *To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanja 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.

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 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 **rhizomerot** 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.

Papaya: After rain due to water logging there may be increase in the infestation of **phytopthera 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: Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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**GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
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KRISHI VIGYAN KENDRA CUTTACK**



(A Unit of ICAR-National Rice Research Institute)

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

Bulletin No.-493
Date- 10/05/2024

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 0mm and district received average 03 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 37.4°C (+0.07from normal) and 25.6°C (+0.9from normal), respectively.** The mean relative humidity was 67-76%.

Forecasted period: Today(8.30IST) to 15th May(8.30IST)2024

Weather advisory: Light to moderate rainfall/thundershower is forecasted for upcoming 5 days in the block. The day temperature will be 34-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-85% and 41-51% respectively. There will be clear to partly cloudy sky for next 5days.

| Block | Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|---------------------|---|------------|------------|------------|------------|
| | 10/05/2024 | 11/05/2024 | 12/05/2024 | 13/05/2024 | 14/05/2024 |
| Rainfall(mm) | 5 | 8 | 4 | 5 | 4 |
| T-Max(°C) | 34 | 34 | 35 | 34 | 34 |
| T-Min(°C) | 27 | 27 | 27 | 26 | 27 |
| Cloud Cover(octa) | 0 | 2 | 4 | 3 | 2 |
| RH Max (%) | 83 | 82 | 80 | 82 | 85 |
| RH Min (%) | 41 | 51 | 42 | 46 | 44 |
| Wind Speed(Kmph) | 24 | 27 | 24 | 21 | 21 |
| Wind Direction(deg) | 203 | 203 | 203 | 203 | 203 |

Agromet Advisory

General advisory: Farmers should stop plant protection measures and irrigation activities in coming 5 days and are advised to make proper drainage in field. Farmers should carry out land preparation for sowing of bitter gourd, ridge gourd and cucumber and should start sowing of summer vegetables by utilizing the rainfall.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from Monday on wards at isolated places of Cuttack district.

Summer Maize:

There may be increase the infestation of **Red hairy caterpillar** in maize after 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: After rain there may be chances of increase in infestation of wilting in 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.

Brinjal:

If **phomopsis blight** will occur in brinjal, then spray zineb75%WP 2gram/litr of water. **Cercospera leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If **helicoverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litr of water.

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 **rhizomerot** 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 + chloripyrifos 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.

Papaya: After rain due to water logging there may be increase in the infestation of **phytopthera 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:

Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-493
Date- 10/05/2024

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 4mm and district received average 03 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 37.4°C (+0.07from normal) and 25.6°C (+0.9from normal), respectively.** The mean relative humidity was 67-76%.

Forecasted period: Today(8.30IST) to 15th May(8.30IST)2024

Weatheradvisory: Light to moderate rainfall/thundershower is forecasted for upcoming 5 days in the block. The day temperature will be 33-37°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-82% and 32-42% respectively. **There will be clear to partly cloudy sky for next 5days.**

| Block | Nischintakoili(VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| | 10/05/2024 | 11/05/2024 | 12/05/2024 | 13/05/2024 | 14/05/2024 |
| Rainfall(mm) | 13 | 12 | 4 | 5 | 4 |
| T-Max(°C) | 33 | 34 | 37 | 34 | 34 |
| T-Min(°C) | 27 | 27 | 27 | 26 | 27 |
| Cloud Cover(octa) | 1 | 1 | 4 | 3 | 2 |
| RH Max (%) | 82 | 82 | 77 | 79 | 81 |
| RH Min (%) | 39 | 42 | 32 | 38 | 37 |
| Wind Speed (Kmph) | 22 | 25 | 23 | 20 | 20 |
| Wind Direction (deg) | 203 | 203 | 201 | 203 | 203 |

Agromet Advisory

General advisory: Farmers should stop plant protection measures and irrigation activities in coming 5 days and are advised to make proper drainage in field. Farmers should carry out land preparation for sowing of bitter gourd, ridge gourd and cucumber and should start sowing of summer vegetables by utilizing the rainfall.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from Monday onwards at isolated places of Cuttack district.

Summer Maize:

There may be increase the infestation of **Red hairy caterpillar** in maize after 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: After rain there may be chances of increase in infestation of wilting in vegetables. **To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanja 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.

Brinjal:

If **phomopsis blight** will occur in brinjal, then spray zineb75%WP 2gram/litr of water. **Cercopspera leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%WP 2gram/litr of water. If **helicopterpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/litr 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 **rhizomerot** 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) chlorothalanyl @ 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.

Papaya: After rain due to water logging there may be increase in the infestation of **phytopthera 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: Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-493
Date- 10/05/2024

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 2mm and district received average 03 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 37.4°C (+0.07from normal) and 25.6°C (+0.9from normal), respectively.** The mean relative humidity was 67-76%.

Forecasted period: Today(8.30IST) to 15th May(8.30IST)2024

Weather advisory: Light to moderate rainfall/thundershower is forecasted for upcoming 5 days in the block. The day temperature will be 33-37°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-82% and 31-41% 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 | 10/05/2024 | 11/05/2024 | 12/05/2024 | 13/05/2024 | 14/05/2024 |
| Rainfall(mm) | 10 | 12 | 4 | 5 | 4 |
| T-Max(°C) | 33 | 33 | 37 | 34 | 34 |
| T-Min(°C) | 27 | 27 | 27 | 26 | 27 |
| Cloud Cover(octa) | 1 | 0 | 4 | 3 | 2 |
| RH Max (%) | 82 | 82 | 77 | 80 | 81 |
| RH Min (%) | 39 | 41 | 31 | 38 | 36 |
| Wind Speed (Kmph) | 22 | 25 | 23 | 20 | 20 |
| Wind Direction (deg) | 203 | 203 | 201 | 203 | 201 |

Agromet Advisory

General advisory: Farmers should stop plant protection measures and irrigation activities in coming 5 days and are advised to make proper drainage in field. Farmers should carry out land preparation for sowing of bitter gourd, ridge gourd and cucumber and should start sowing of summer vegetables by utilizing the rainfall.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from Monday onwards at isolated places of Cuttack district.

Summer Maize:

There may be increase the infestation of **Red hairy caterpillar** in maize after 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: After rain there may be chances of increase in infestation of wilting in vegetables. **To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanja 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.

Brinjal:

If **phomopsis blight** will occur in brinjal, then spray zineb75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb75%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 **rhizomerot** 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) chlorothalanyl @ 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.

Papaya: After rain due to water logging there may be increase in the infestation of **phytopthera 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:

Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-493
Date- 10/05/2024

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 1.3mm and district received average 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.4°C (+0.07 from normal) and 25.6°C (+0.9 from normal), respectively. The mean relative humidity was 67-76%.

Forecasted period: Today(8.30IST) to 15th May(8.30IST)2024

Weather advisory: Light to moderate rainfall/thundershower is forecasted for upcoming 5 days in the block. The day temperature will be 35-36°C and night temperature will be 29°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-85% and 52-56% 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) | | | | |
|----------------------|--|------------|------------|------------|------------|
| | 10/05/2024 | 11/05/2024 | 12/05/2024 | 13/05/2024 | 14/05/2024 |
| Rainfall(mm) | 9 | 13 | 5 | 8 | 5 |
| T-Max(°C) | 36 | 35 | 36 | 36 | 36 |
| T-Min(°C) | 29 | 29 | 29 | 29 | 29 |
| Cloud Cover(octa) | 1 | 1 | 3 | 2 | 2 |
| RH Max (%) | 84 | 83 | 80 | 80 | 85 |
| RH Min (%) | 54 | 56 | 53 | 54 | 52 |
| Wind Speed (Kmph) | 24 | 28 | 25 | 22 | 23 |
| Wind Direction (deg) | 201 | 203 | 203 | 203 | 204 |

Agromet Advisory

General advisory: Farmers should stop plant protection measures and irrigation activities in coming 5 days and are advised to make proper drainage in field. Farmers should carry out land preparation for sowing of bitter melon, ridge melon and cucumber and should start sowing of summer vegetables by utilizing the rainfall.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from Monday onwards at isolated places of Cuttack district.

Summer Maize:

There may be increase in the infestation of **Red hairy caterpillar** in maize after 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: After rain there may be chances of increase in infestation of wilting in 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.

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.

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:

Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-493
Date- 10/05/2024

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 03 mm rainfall during the last week. The mean daily maximum and minimum temperature was 37.4°C (+0.07 from normal) and 25.6°C (+0.9 from normal), respectively. The mean relative humidity was 67-76%.

Forecasted period: Today(8.30IST) to 15th May(8.30IST)2024

Weather advisory: Light to moderate rainfall/thundershower is forecasted for upcoming 5 days in the block. The day temperature will be 34-38°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-86% and 26-37% 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) | | | | |
|----------------------|---|------------|------------|------------|------------|
| | 10/05/2024 | 11/05/2024 | 12/05/2024 | 13/05/2024 | 14/05/2024 |
| Rainfall(mm) | 8 | 9 | 7 | 10 | 5 |
| T-Max(°C) | 34 | 36 | 38 | 35 | 35 |
| T-Min(°C) | 26 | 25 | 26 | 25 | 26 |
| Cloud Cover(octa) | 1 | 1 | 5 | 3 | 4 |
| RH Max (%) | 82 | 86 | 80 | 82 | 80 |
| RH Min (%) | 31 | 30 | 26 | 37 | 30 |
| Wind Speed (Kmph) | 18 | 20 | 16 | 17 | 17 |
| Wind Direction (deg) | 180 | 198 | 191 | 180 | 197 |

Agro met Advisory

General advisory: Farmers should stop plant protection measures and irrigation activities in coming 5 days and are advised to make proper drainage in field. Farmers should carry out land preparation for sowing of bitter gourd, ridge gourd and cucumber and should start sowing of summer vegetables by utilizing the rainfall.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from Monday onwards at isolated places of Cuttack district.

Summer Maize:

There may be increase in the infestation of Red hairy caterpillar in maize after 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: After rain there may be chances of increase in infestation of wilting in vegetables. To prevent from wilting or partial wilting in brinjal, Chilli and Okra apply Neem or Karanja 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.

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 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.

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:

Make necessary arrangement for clean and sufficient drinking water for the animals. keep farm animals indoor during the thunderstorm period.

Dr Sujata Sethy
(Nodal officer)



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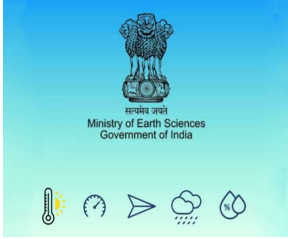
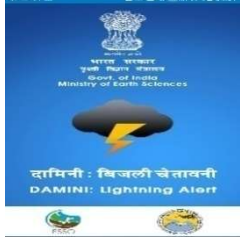


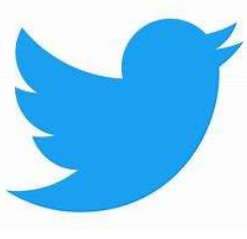
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- Kindly install and use **“Meghdoot mobile App”** for Cuttack district weather forecast, warnings and weather based agromet advisory services.
<https://play.google.com/store/apps/details?id=com.aas.meghdoot>
- Kindly install and use **“Damini mobile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

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

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