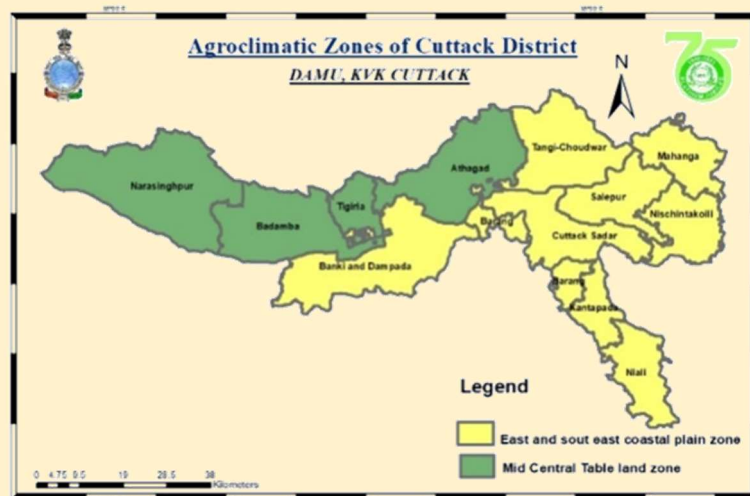




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Tuesday, 02nd May, 2023
(For the period 02nd to 06th May, 2023)*



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



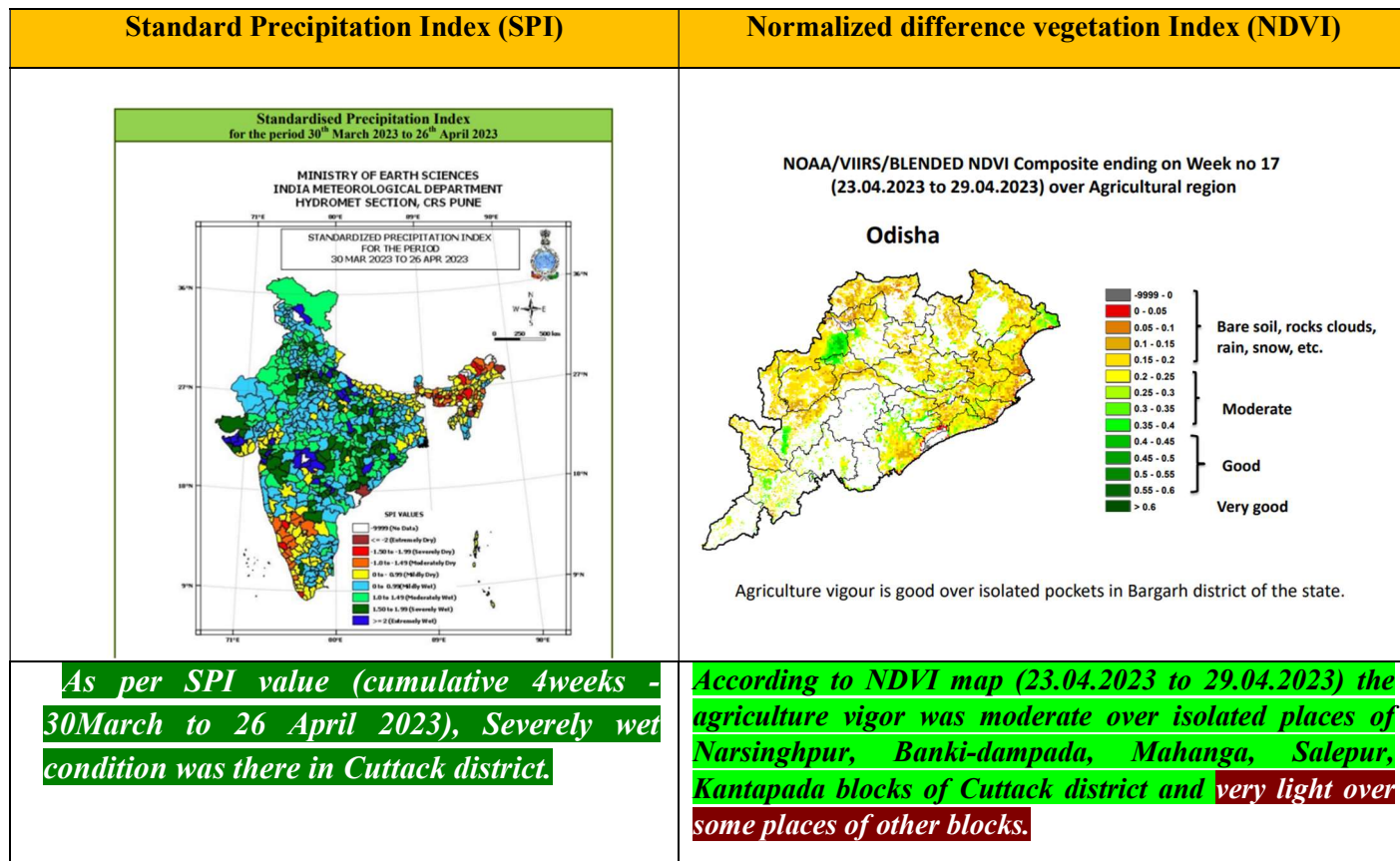


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Bulletin No.-396
Date- 02/05/2023

STANDARD PRECIPITATION INDEX AND NDVI MAP



| LEGEND (Medium range block level rainfall forecast) | | |
|---|------------------------------|-----------|
| | No Rainfall | 00 mm |
| | Very light rainfall | 01-05 mm |
| | Light rainfall | 06-10 mm |
| | Light to moderate rainfall | 11-30 mm |
| | Moderate to heavy rainfall | 31-65 mm |
| | Heavy to very heavy rainfall | 66-115 mm |
| | Extremely heavy rainfall | >116 mm |

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

Dr Sujata Sethy
(Nodal officer)



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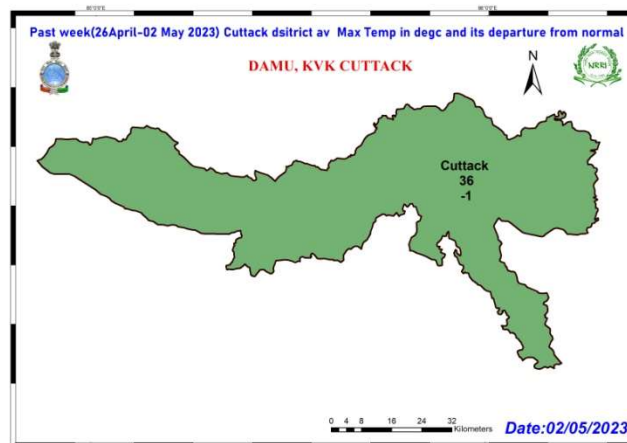
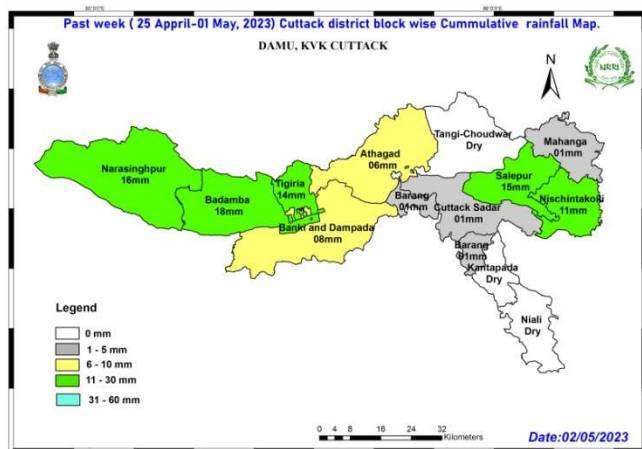


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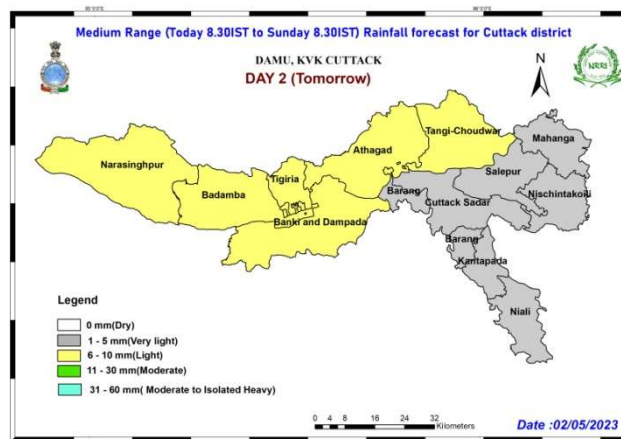
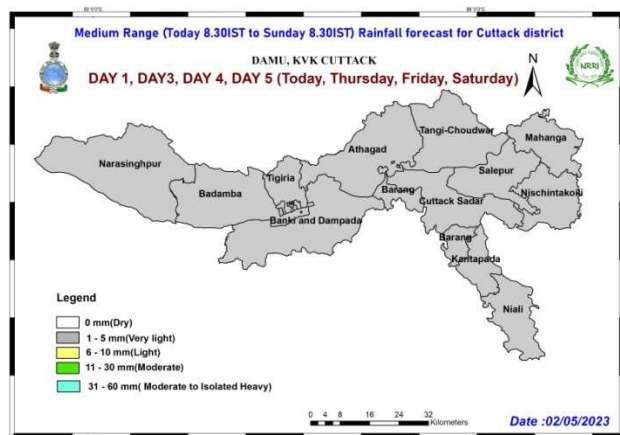


Bulletin No.-396
Date- 02/05/2023

Past week (25 April-01 May, 2023) cumulative rainfall and (26 April-02 May, 2023) average maximum temperature and its departure from normal for Cuttack district



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



Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-396
Date- 02/05/2023

| Met Sub division | Extended range outlook for subsequent 1 week (6 th to 12 th days) (07-13 May 2023) | | | | |
|------------------|---|---------------|---------------|----------------------|-----------------|
| Odisha | <i>Parameter</i> | <i>Actual</i> | <i>Normal</i> | <i>Departure (%)</i> | <i>Category</i> |
| | Rainfall(mm) | 0.91 | 0.43 | 109.71 | Above Normal |
| | <i>Parameter</i> | <i>Actual</i> | <i>Normal</i> | <i>Anomaly</i> | <i>Category</i> |
| | Maximum temperature (°C) | 36.17 | 37.98 | -1.81 | Below Normal |
| | Minimum temperature (°C) | 24.75 | 25.49 | -0.73 | Normal |

As per extended range outlook there will be above normal rainfall and below normal temperature is forecasted in subsequent week (7-13 May, 2023) after 5 days for Odisha condition, so farmers should pause irrigation/Pesticide/Fertilizer application activities in the subsequent week. They are advised to harvest matured crops/vegetables before the subsequent week and are advised to conserve the rain water for future use.

Dr Sujata Sethy
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Bulletin No.-396

Date- 02/05/2023

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

| Sl No | Crop | Stage and condition of the crop | Anticipated Disease and pest | |
|-------|-----------|---------------------------------|--|-------------------------|
| 1 | Maize | Vegetative to tasseling/silking |  | Maize stalk rot |
| | | |  | Fall army worm |
| | | |  | Red hairy catpillar |
| 2 | Brinjal | Fruiting |  | Phomopsis Blight |
| | | |  | 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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Bulletin No.-396
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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 |

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Bulletin No.-396
Date- 02/05/2023

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

The block received average 0.9 mm and district received average 1mm rainfall during the last week. The mean daily maximum and minimum temperature was **36°C (-1.1°C from normal)** and **24.8°C (0.5°C from normal)**, respectively. Mean relative humidity of the district was around 64-66%.

Forecasted period: Today(8.30IST) to 07th May(8.30IST)2023

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be 32-38°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-75% and 23-35% respectively. There will be clear to partly cloudy sky for next 5 days.

| Block | Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| Date | 02/05/2023 | 03/05/2023 | 04/05/2023 | 05/05/2023 | 06/05/2023 |
| Rainfall (mm) | 2 | 8 | 2 | 2 | 1 |
| T-Max (°C) | 32 | 33 | 34 | 36 | 38 |
| T-Min (°C) | 24 | 25 | 27 | 26 | 26 |
| Cloud Cover (octa) | 6 | 6 | 5 | 4 | 4 |
| RH Max (%) | 75 | 71 | 67 | 72 | 68 |
| RH Min (%) | 33 | 32 | 35 | 27 | 23 |
| Wind Speed (kmph) | 15 | 11 | 15 | 12 | 11 |
| Wind Direction (deg) | 203 | 208 | 204 | 199 | 199 |

Agromet Advisory

General advisory: 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. They may go for plant protection measures on dry days based upon weather forecast.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today 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 zineb 75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/ltr of water. If **helicopterpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

Cucurbits:

Late Blight may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

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

Fruit:

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

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours.

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.-396
Date- 02/05/2023

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 2.6 mm and district received average 1mm rainfall during the last week. The mean daily maximum and minimum temperature was **36°C (-1.1°C from normal)** and **24.8°C (0.5°C from normal)**, respectively. Mean relative humidity of the district was around 64-66%.

Forecasted period: Today(8.30IST) to 07th May(8.30IST)2023

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be **33-38°C** and night temperature will be **23-26°C** for upcoming 5 days. Maximum and minimum relative humidity will be 61-75% and 23-37% respectively. **There will be clear to partly cloudy sky for next 5days.**

| Block | Badamba(VAID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| Date | 02/05/2023 | 03/05/2023 | 04/05/2023 | 05/05/2023 | 06/05/2023 |
| Rainfall(mm) | 2 | 8 | 2 | 1 | 1 |
| T-Max(°C) | 33 | 34 | 34 | 36 | 38 |
| T-Min(°C) | 23 | 24 | 26 | 25 | 26 |
| Cloud Cover(octa) | 6 | 6 | 5 | 4 | 4 |
| RH Max (%) | 74 | 75 | 65 | 69 | 61 |
| RH Min (%) | 32 | 31 | 37 | 27 | 23 |
| Wind Speed (Kmph) | 14 | 11 | 14 | 12 | 10 |
| Wind Direction (deg) | 203 | 180 | 206 | 191 | 206 |

Agromet Advisory

General advisory: 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. They may go for plant protection measures on dry days based upon weather forecast.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today 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 **helioverpa 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 Oxichloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

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

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours.

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.-396
Date- 02/05/2023

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 1mm rainfall during the last week. The mean daily maximum and minimum temperature was **36°C (-1.1°C from normal)** and **24.8°C (0.5°C from normal)**, respectively. Mean relative humidity of the district was around 64-66%.

Forecasted period: Today(8.30IST) to 07th May (8.30IST)2023

Weather advisory: Very Light to light rainfall/thundershower is forecasted for upcoming 5 days in the block. The day temperature will be **32-38°C** and night temperature will be **24-27°C** for upcoming 5 days. Maximum and minimum relative humidity will be 65-75% and 24-35% respectively. **There will be clear to partly cloudy sky for next 5 days.**

| Block | Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| Date | 02/05/2023 | 03/05/2023 | 04/05/2023 | 05/05/2023 | 06/05/2023 |
| Rainfall(mm) | 2 | 7 | 2 | 1 | 1 |
| T-Max(°C) | 32 | 33 | 34 | 36 | 38 |
| T-Min(°C) | 24 | 25 | 27 | 25 | 26 |
| Cloud Cover(octa) | 6 | 5 | 5 | 4 | 5 |
| RH Max (%) | 75 | 72 | 67 | 71 | 65 |
| RH Min (%) | 32 | 32 | 35 | 28 | 24 |
| Wind Speed (Kmph) | 16 | 12 | 16 | 13 | 11 |
| Wind Direction (deg) | 203 | 207 | 204 | 199 | 205 |

Agromet Advisory

General advisory: 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. They may go for plant protection measures on dry days based upon weather forecast.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today 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 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:

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

Fruit:

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

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The 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.

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Bulletin No.-396

Date- 02/05/2023

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 1.1 mm and district received average 1mm rainfall during the last week. The mean daily maximum and minimum temperature was **36°C (-1.1°C from normal)** and **24.8°C (0.5°C from normal)**, respectively. Mean relative humidity of the district was around 64-66%.

Forecasted period: Today(8.30IST) to 07th May(8.30IST)2023

Weather Advisory: *Very Light to light rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be 32-39°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-75% and 24-35% 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) | | | | |
|----------------------|---|------------|------------|------------|------------|
| Date | 02/05/2023 | 03/05/2023 | 04/05/2023 | 05/05/2023 | 06/05/2023 |
| Rainfall(mm) | 2 | 7 | 2 | 1 | 1 |
| T-Max(°C) | 32 | 33 | 34 | 36 | 39 |
| T-Min(°C) | 24 | 25 | 27 | 25 | 26 |
| Cloud Cover(octa) | 6 | 5 | 5 | 4 | 5 |
| RH Max (%) | 75 | 72 | 67 | 71 | 66 |
| RH Min (%) | 32 | 31 | 35 | 28 | 24 |
| Wind Speed (Kmph) | 16 | 12 | 16 | 13 | 11 |
| Wind Direction (deg) | 203 | 208 | 204 | 199 | 205 |

Agromet Advisory

General advisory: 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. They may go for plant protection measures on dry days based upon weather forecast.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today 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 zineb 75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/ltr of water. If **helioverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

Cucurbits:

Late Blight may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

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

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

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours.

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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Debasish Jena

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Bulletin No.-396
Date- 02/05/2023

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 0.1 mm and district received average 1mm rainfall during the last week. The mean daily maximum and minimum temperature was **36°C (-1.1°C from normal)** and **24.8°C (0.5°C from normal)**, respectively. Mean relative humidity of the district was around 64-66%.

Forecasted period: Today(8.30IST) to 07th May (8.30IST)2023

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be 32-39°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-75% and 24-33% respectively. **There will be clear to partly cloudy sky for next 5 days.**

| Block | Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| Date | 02/05/2023 | 03/05/2023 | 04/05/2023 | 05/05/2023 | 06/05/2023 |
| Rainfall(mm) | 1 | 5 | 2 | 2 | 1 |
| T-Max(°C) | 32 | 33 | 34 | 35 | 39 |
| T-Min(°C) | 25 | 26 | 27 | 26 | 27 |
| Cloud Cover | 6 | 5 | 5 | 5 | 5 |
| RH Max (%) | 75 | 71 | 69 | 75 | 72 |
| RH Min (%) | 33 | 31 | 33 | 29 | 24 |
| Wind Speed (Kmph) | 16 | 14 | 18 | 14 | 13 |
| Wind Direction (deg) | 203 | 203 | 203 | 199 | 203 |

Agromet Advisory

General advisory: 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. They may go for plant protection measures on dry days based upon weather forecast.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today 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 zineb 75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/ltr of water. If **helioverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

Cucurbits:

Late Blight may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

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

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

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours.

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.-396
Date- 02/05/2023

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AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 0.1 mm and district received average 1mm rainfall during the last week. The mean daily maximum and minimum temperature was **36°C (-1.1°C from normal)** and **24.8°C (0.5°C from normal)**, respectively. Mean relative humidity of the district was around 64-66%.

Forecasted period: Today(8.30IST) to 07th May (8.30IST)2023

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be 32-38°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-75% and 24-34% respectively. There will be clear to partly cloudy sky for next 5 days.

| Block | Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| Date | 02/05/2023 | 03/05/2023 | 04/05/2023 | 05/05/2023 | 06/05/2023 |
| Rainfall(mm) | 1 | 4 | 2 | 1 | 1 |
| T-Max(°C) | 32 | 32 | 34 | 35 | 38 |
| T-Min(°C) | 25 | 26 | 27 | 26 | 27 |
| Cloud Cover(octa) | 6 | 6 | 6 | 4 | 4 |
| RH Max (%) | 75 | 71 | 67 | 74 | 72 |
| RH Min (%) | 34 | 33 | 33 | 28 | 24 |
| Wind Speed (Kmph) | 16 | 12 | 17 | 13 | 12 |
| Wind Direction (deg) | 203 | 203 | 204 | 199 | 195 |

Agromet Advisory

General advisory: 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. They may go for plant protection measures on dry days based upon weather forecast.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today 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 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 Oxichloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

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

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours.

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.-396
Date- 02/05/2023

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

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 0 mm and district received average 1mm rainfall during the last week. The mean daily maximum and minimum temperature was **36°C (-1.1°C from normal)** and **24.8°C (0.5°C from normal)**, respectively. Mean relative humidity of the district was around 64-66%.

Forecasted period: Today(8.30IST) to 07th May (8.30IST)2023

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be 32-37°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-77% and 27-35% 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 | 02/05/2023 | 03/05/2023 | 04/05/2023 | 05/05/2023 | 06/05/2023 |
| Rainfall(mm) | 1 | 3 | 2 | 1 | 1 |
| T-Max(°C) | 32 | 33 | 34 | 35 | 37 |
| T-Min(°C) | 26 | 26 | 27 | 26 | 27 |
| Cloud Cover(octa) | 6 | 5 | 4 | 4 | 5 |
| RH Max (%) | 75 | 72 | 72 | 77 | 74 |
| RH Min (%) | 33 | 30 | 35 | 32 | 27 |
| Wind Speed (Kmph) | 16 | 16 | 20 | 15 | 15 |
| Wind Direction (deg) | 203 | 203 | 203 | 203 | 207 |

Agromet Advisory

General advisory: 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. They may go for plant protection measures on dry days based upon weather forecast.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today 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 zineb 75%WP 2gram/litr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/litr of water. If **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) 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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AGROMET ADVISORY BULLETIN FOR MAHANGA



Bulletin No.-396

Date- 02/05/2023

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

The block received average 0 mm and district received average 1mm rainfall during the last week. The mean daily maximum and minimum temperature was **36°C (-1.1°C from normal)** and **24.8°C (0.5°C from normal)**, respectively. Mean relative humidity of the district was around 64-66%.

Forecasted period: Today(8.30IST) to 07th May (8.30IST)2023

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be and it will be 32-38°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-76% and 26-35% respectively. **There will be clear to partly cloudy sky for next 5days.**

| Block | Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| Date | 02/05/2023 | 03/05/2023 | 04/05/2023 | 05/05/2023 | 06/05/2023 |
| Rainfall(mm) | 1 | 5 | 2 | 1 | 1 |
| T-Max(°C) | 32 | 33 | 34 | 35 | 38 |
| T-Min(°C) | 25 | 25 | 27 | 25 | 26 |
| Cloud Cover(octal) | 6 | 6 | 6 | 5 | 5 |
| RH Max (%) | 74 | 69 | 70 | 76 | 72 |
| RH Min (%) | 35 | 35 | 34 | 28 | 26 |
| Wind Speed (Kmph) | 16 | 14 | 17 | 14 | 14 |
| Wind Direction (deg) | 201 | 206 | 204 | 203 | 203 |

Agromet Advisory

General advisory: 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. They may go for plant protection measures on dry days based upon weather forecast.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today 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 zineb 75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/ltr of water. If **helicoverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

Cucurbits:

Late Blight may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

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

Fruit:

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

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The 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.-396
Date- 02/05/2023

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AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 2.3 mm and district received average 1mm rainfall during the last week. The mean daily maximum and minimum temperature was **36°C (-1.1°C from normal)** and **24.8°C (0.5°C from normal)**, respectively. Mean relative humidity of the district was around 64-66%.

Forecasted period: Today(8.30IST) to 07th May (8.30IST)2023

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be 33-39°C and night temperature will be 22-25°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-82% and 23-32% 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 | 02/05/2023 | 03/05/2023 | 04/05/2023 | 05/05/2023 | 06/05/2023 |
| Rainfall(mm) | 1 | 9 | 4 | 2 | 1 |
| T-Max(°C) | 33 | 36 | 35 | 37 | 39 |
| T-Min(°C) | 22 | 22 | 24 | 24 | 25 |
| Cloud Cover(octa) | 6 | 6 | 5 | 3 | 4 |
| RH Max (%) | 75 | 82 | 64 | 71 | 56 |
| RH Min (%) | 30 | 27 | 32 | 26 | 23 |
| Wind Speed (Kmph) | 10 | 7 | 9 | 8 | 7 |
| Wind Direction (deg) | 193 | 161 | 206 | 191 | 206 |

Agromet Advisory

General advisory: 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. They may go for plant protection measures on dry days based upon weather forecast.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today 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 zineb 75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/ltr of water. If **helioverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

Cucurbits:

Late Blight may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

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

Fruit:

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

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours.

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.-396
Date- 02/05/2023

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 0 mm and district received average 1mm rainfall during the last week. The mean daily maximum and minimum temperature was **36°C (-1.1°C from normal)** and **24.8°C (0.5°C from normal)**, respectively. Mean relative humidity of the district was around 64-66%.

Forecasted period: Today(8.30IST) to 07th May (8.30IST)2023

Weather advisory: *Very Light to light 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 73-78% and 31-37% respectively. There will be clear to partly cloudy sky for next 5 days.

| Block | Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|---------------------|---|------------|------------|------------|------------|
| Date | 02/05/2023 | 03/05/2023 | 04/05/2023 | 05/05/2023 | 06/05/2023 |
| Rainfall(mm) | 1 | 3 | 2 | 1 | 1 |
| T-Max(°C) | 33 | 34 | 34 | 35 | 37 |
| T-Min(°C) | 26 | 26 | 27 | 26 | 27 |
| Cloud Cover(octa) | 6 | 4 | 4 | 4 | 5 |
| RH Max (%) | 74 | 73 | 74 | 78 | 76 |
| RH Min (%) | 35 | 32 | 37 | 36 | 31 |
| Wind Speed(Kmph) | 16 | 17 | 20 | 16 | 17 |
| Wind Direction(deg) | 201 | 206 | 203 | 204 | 204 |

Agromet Advisory

General advisory: 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. They may go for plant protection measures on dry days based upon weather forecast.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today 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 zineb 75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/ltr of water. If **helioverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

Cucurbits:

Late Blight may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

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

Fruit:

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

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours.

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.-396
Date- 02/05/2023

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AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 1.6 mm and district received average 1mm rainfall during the last week. The mean daily maximum and minimum temperature was **36°C (-1.1°C from normal)** and **24.8°C (0.5°C from normal)**, respectively. Mean relative humidity of the district was around 64-66%.

Forecasted period: Today(8.30IST) to 07th May (8.30IST)2023

Weatheradvisory: *Very Light to light rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be **32-38°C** and night temperature will be **25-27°C** for upcoming 5 days. Maximum and minimum relative humidity will be **70-76%** and **26-35%** 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 | 02/05/2023 | 03/05/2023 | 04/05/2023 | 05/05/2023 | 06/05/2023 |
| Rainfall(mm) | 1 | 4 | 2 | 2 | 1 |
| T-Max(°C) | 32 | 33 | 34 | 35 | 38 |
| T-Min(°C) | 25 | 26 | 27 | 26 | 27 |
| Cloud Cover(octa) | 6 | 6 | 5 | 5 | 5 |
| RH Max (%) | 74 | 70 | 70 | 76 | 72 |
| RH Min (%) | 35 | 35 | 34 | 29 | 26 |
| Wind Speed (Kmph) | 16 | 15 | 19 | 14 | 15 |
| Wind Direction (deg) | 201 | 206 | 203 | 203 | 206 |

Agromet Advisory

General advisory: **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. They may go for plant protection measures on dry days based upon weather forecast.**

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today 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 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 Oxichloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

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

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The 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.-396
Date- 02/05/2023

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 2.1 mm and district received average 1mm rainfall during the last week. The mean daily maximum and minimum temperature was **36°C (-1.1°C from normal)** and **24.8°C (0.5°C from normal)**, respectively. Mean relative humidity of the district was around 64-66%.

Forecasted period: Today(8.30IST) to 07th May(8.30IST)2023

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be **32-38°C** and night temperature will be **25-27°C** for upcoming 5 days. Maximum and minimum relative humidity will be 69-76% and 26-35% respectively. **There will be clear to partly cloudy sky for next 5 days.**

| Block | Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|---|------------|------------|------------|------------|
| Date | 02/05/2023 | 03/05/2023 | 04/05/2023 | 05/05/2023 | 06/05/2023 |
| Rainfall(mm) | 1 | 4 | 2 | 1 | 1 |
| T-Max(°C) | 32 | 33 | 34 | 35 | 38 |
| T-Min(°C) | 25 | 26 | 27 | 26 | 27 |
| Cloud Cover(octa) | 6 | 6 | 6 | 5 | 5 |
| RH Max (%) | 75 | 70 | 69 | 76 | 72 |
| RH Min (%) | 35 | 35 | 34 | 28 | 26 |
| Wind Speed (Kmph) | 16 | 14 | 18 | 14 | 14 |
| Wind Direction (deg) | 201 | 203 | 203 | 203 | 206 |

Agromet Advisory

General advisory: 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. They may go for plant protection measures on dry days based upon weather forecast.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today 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 zineb 75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/ltr of water. If **helioverpa infestation** will be found, spray Flunendiamide or indoxacarb 2ml/ltr of water.

Cucurbits:

Late Blight may happen due to rising day temperature. There are chances of infestation of **Downy Mildew** in cucurbit vegetables. To manage this disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre.

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

Fruit:

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

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The sprayings should be preferably carried out during evening hours.

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
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Bulletin No.-396

Date- 02/05/2023

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 0 mm and district received average 1mm rainfall during the last week. The mean daily maximum and minimum temperature was **36°C (-1.1°C from normal)** and **24.8°C (0.5°C from normal)**, respectively. Mean relative humidity of the district was around 64-66%.

Forecasted period: Today(8.30IST) to 07th May (8.30IST)2023

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be **35-38°C** and night temperature will be **28-30°C** for upcoming 5 days. Maximum and minimum relative humidity will be 74-80% and 40-47% respectively. **There will be clear to partly cloudy sky for next 5 days.**

| Block | Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS) | | | | |
|----------------------|--|------------|------------|------------|------------|
| Date | 02/05/2023 | 03/05/2023 | 04/05/2023 | 05/05/2023 | 06/05/2023 |
| Rainfall(mm) | 1 | 7 | 2 | 1 | 1 |
| T-Max(°C) | 35 | 37 | 36 | 36 | 38 |
| T-Min(°C) | 29 | 29 | 29 | 28 | 30 |
| Cloud Cover(octa) | 6 | 4 | 3 | 4 | 5 |
| RH Max (%) | 75 | 74 | 77 | 80 | 77 |
| RH Min (%) | 40 | 43 | 44 | 47 | 40 |
| Wind Speed (Kmph) | 17 | 18 | 22 | 17 | 21 |
| Wind Direction (deg) | 203 | 207 | 204 | 207 | 204 |

Agromet Advisory

General advisory: 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. They may go for plant protection measures on dry days based upon weather forecast.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today 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 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 **helicopter 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.-396
Date- 02/05/2023

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 2 mm and district received average 1mm rainfall during the last week. The mean daily maximum and minimum temperature was **36°C (-1.1°C from normal)** and **24.8°C (0.5°C from normal)**, respectively. Mean relative humidity of the district was around 64-66%.

Forecasted period: Today(8.30IST) to 07th May (8.30IST)2023

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be 33-38°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-75% and 23-37% 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) | | | | |
|----------------------|---|------------|------------|------------|------------|
| Date | 02/05/2023 | 03/05/2023 | 04/05/2023 | 05/05/2023 | 06/05/2023 |
| Rainfall(mm) | 2 | 8 | 1 | 2 | 1 |
| T-Max(°C) | 33 | 33 | 34 | 36 | 38 |
| T-Min(°C) | 24 | 24 | 27 | 25 | 26 |
| Cloud Cover(octa) | 6 | 6 | 5 | 4 | 5 |
| RH Max (%) | 75 | 73 | 66 | 71 | 65 |
| RH Min (%) | 33 | 32 | 37 | 27 | 23 |
| Wind Speed (Kmph) | 15 | 11 | 14 | 12 | 11 |
| Wind Direction (deg) | 201 | 203 | 207 | 191 | 203 |

Agro met Advisory

General advisory: 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. They may go for plant protection measures on dry days based upon weather forecast.

Pulses:

Harvest matured pulses as light to moderate rainfall or thundershower is forecasted from today 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 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 Oxichloride 50% WP @ 3 g/litre of water and Metalaxyl 8% + Mancozeb 64% @ 2.5 g/litre of water in clear and dry weather.

Fruit:

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

Mango: For control of mango **fruit borer** spray Neem oil 3ml + chlorpyrifos 1 ml per litre of water along with stickers at marble stage of the fruit. The 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)



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



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| 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).

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

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