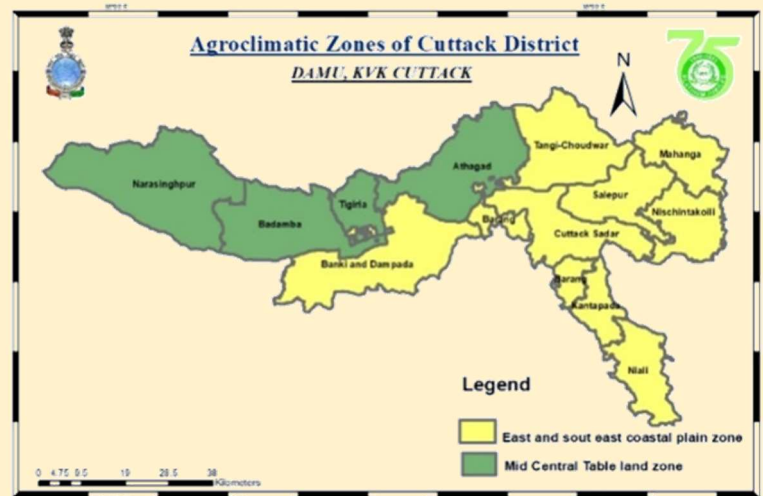




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Tuesday, 14th May, 2024
 (For the period 14th to 18th May, 2024)*



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





STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p>Standardised Precipitation Index for the period 28th September to 25th October 2023</p>	<p>NOAA/VIIIRS/BLENDED NDVI Composite ending on Week no 16 (30.04.2024 to 06.05.2024) over Agricultural region</p> <p>Odisha</p> <p>Agriculture vigour is moderate at few places of the state.</p>
<p>As per SPI value (cumulative 4weeks -28 September to 25 October 2023), mildly dry condition was there in Cuttack district.</p>	<p>According to NDVI map (30.04.2024 to 06.05.2024) the agriculture vigor was very light to light over maximum blocks of Cuttack district.</p>

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

LEGEND (Past week temperature)		
Color code	Temperature	Departure
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)



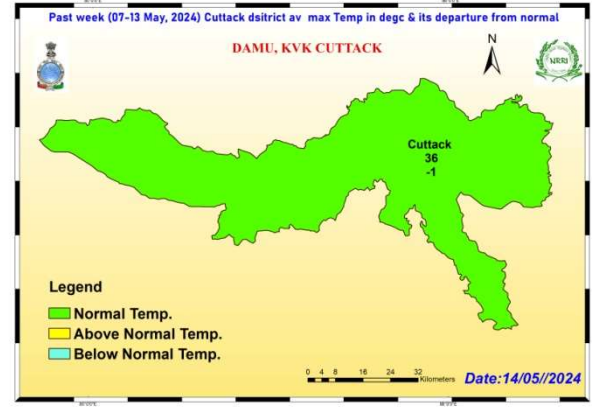
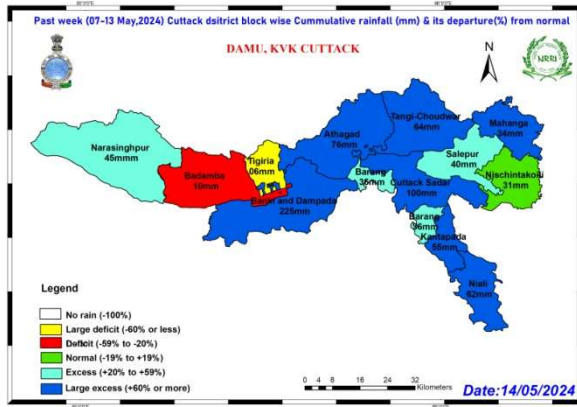
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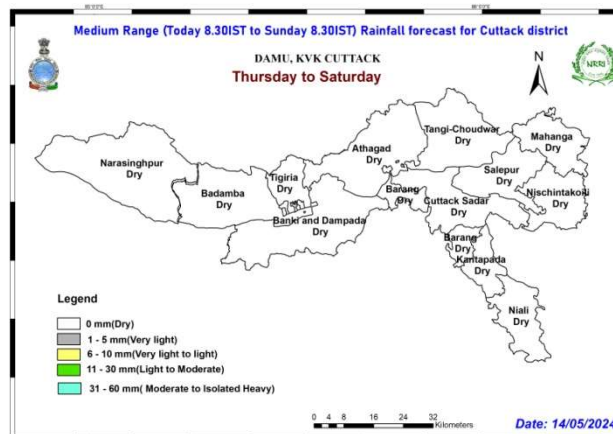
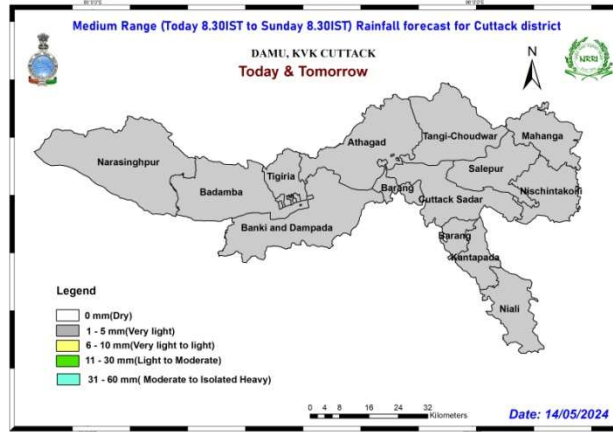
Debasish Jena
 SMS (Agrometeorology)
 Contact No-9861445080/7008453427



Past week (07-13 May, 2024) cumulative rainfall (mm) and its departure from normal weekly rainfall and (07-13 May, 2024) 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





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Bulletin No.-494

Date- 14/05/2024

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

Dr Sujata Sethy
(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.-494
Date- 14/05/2024

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 11mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.8°C (-1.3 from normal) and 23.7°C (-1.13 from normal), respectively. The mean relative humidity was 70-73%.

Forecasted period: Today(8.30IST) to 19th May(8.30IST)2024

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for today and tomorrow and dry weather is forecasted for other 3 days in the block.* The day temperature will be 33-39°C and night temperature will be 23-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 58-83% and 14-25% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	14/05/2024	15/05/2024	16/05/2024	17/05/2024	18/05/2024
Rainfall (mm)	3	2	0	0	0
T-Max (°C)	36	36	36	33	39
T-Min (°C)	23	25	27	26	26
Cloud Cover (octa)	1	5	6	7	4
RH Max (%)	83	75	62	58	68
RH Min (%)	23	22	19	25	14
Wind Speed (kmph)	14	15	13	9	14
Wind Direction (deg)	162	180	203	203	205

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail after 2-3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

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 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.-494
Date- 14/05/2024

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 1mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.8°C (-1.3 from normal) and 23.7°C (-1.13 from normal), respectively. The mean relative humidity was 70-73%.

Forecasted period: Today(8.30IST) to 19th May(8.30IST)2024

Weather advisory: Very Light to light rainfall/thundershower is forecasted for today and tomorrow and dry weather is forecasted for other 3 days in the block. The day temperature will be 32-39°C and night temperature will be 23-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 47-78% and 15-24% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	14/05/2024	15/05/2024	16/05/2024	17/05/2024	18/05/2024
Rainfall(mm)	3	2	0	0	0
T-Max(°C)	37	37	36	32	39
T-Min(°C)	23	24	27	25	26
Cloud Cover(octa)	1	5	6	7	3
RH Max (%)	78	71	57	47	65
RH Min (%)	21	21	21	24	15
Wind Speed (Kmph)	13	13	11	7	12
Wind Direction (deg)	162	167	205	210	195

Agromet Advisory

General advisory: Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail after 2-3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

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 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 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.-494
Date- 14/05/2024**

AGROMET ADVISORY BULLETIN FOR BANKI

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

The district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.8°C (-1.3 from normal) and 23.7°C (-1.13 from normal), respectively. The mean relative humidity was 70-73%.

Forecasted period: Today(8.30IST) to 19th May(8.30IST)2024

Weather advisory: Very Light to light rainfall/thundershower is forecasted for today and tomorrow and dry weather is forecasted for other 3 days in the block. The day temperature will be 34-40°C and night temperature will be 23-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 55-82% and 14-25% 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	14/05/2024	15/05/2024	16/05/2024	17/05/2024	18/05/2024
Rainfall(mm)	2	2	0	0	0
T-Max(°C)	37	37	37	34	40
T-Min(°C)	23	25	27	26	26
Cloud Cover(octa)	1	5	6	7	3
RH Max (%)	82	75	60	55	67
RH Min (%)	25	23	21	24	14
Wind Speed (Kmph)	14	15	13	9	15
Wind Direction (deg)	163	180	205	195	205

Agromet Advisory

General advisory: Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail after 2-3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

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) 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.-494

Date- 14/05/2024

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 32mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.8°C (-1.3 from normal) and 23.7°C (-1.13 from normal), respectively. The mean relative humidity was 70-73%.

Forecasted period: Today(8.30IST) to 19th May(8.30IST)2024

Weather Advisory: Very Light to light rainfall/thundershower is forecasted for today and tomorrow and dry weather is forecasted for other 3 days in the block. The day temperature will be 34-41°C and night temperature will be 23-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 56-83% and 14-25% 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)				
	14/05/2024	15/05/2024	16/05/2024	17/05/2024	18/05/2024
Rainfall(mm)	3	2	0	0	0
T-Max(°C)	37	37	37	34	41
T-Min(°C)	23	25	27	26	26
Cloud Cover(octa)	1	5	6	6	3
RH Max (%)	83	75	61	56	67
RH Min (%)	24	23	20	25	14
Wind Speed (Kmph)	14	15	13	9	15
Wind Direction (deg)	163	193	205	195	203

Agromet Advisory

General advisory: Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail after 2-3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

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

Cucurbits:

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

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

Fruit: Banana: If **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 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.-494
 Date- 14/05/2024

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 5mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.8°C (-1.3 from normal) and 23.7°C (-1.13 from normal), respectively. The mean relative humidity was 70-73%.

Forecasted period: Today(8.30IST) to 19th May(8.30IST)2024

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for today and tomorrow and dry weather is forecasted for other 3 days in the block.* The day temperature will be 35-40°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-85% and 15-27% 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)				
	14/05/2024	15/05/2024	16/05/2024	17/05/2024	18/05/2024
Rainfall(mm)	3	2	0	0	0
T-Max(°C)	35	36	37	36	40
T-Min(°C)	24	25	27	26	27
Cloud Cover	1	5	5	5	2
RH Max (%)	85	78	64	64	71
RH Min (%)	27	25	20	26	15
Wind Speed (Kmph)	15	18	16	12	20
Wind Direction (deg)	197	193	204	203	207

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail after 2-3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

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 **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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Debasish Jena
 SMS (Agrometeorology)

Contact No-9861445080/7008453427



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



(A Unit of ICAR-National Rice Research Institute)

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

Bulletin No.-494

Date- 14/05/2024

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 14mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.8°C (-1.3 from normal) and 23.7°C (-1.13 from normal), respectively. The mean relative humidity was 70-73%.

Forecasted period: Today(8.30IST) to 19th May(8.30IST)2024

Weather advisory: Very Light to light rainfall/thundershower is forecasted for today and tomorrow and dry weather is forecasted for other 3 days in the block. The day temperature will be 35-39°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 63-84% and 14-26% 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	14/05/2024	15/05/2024	16/05/2024	17/05/2024	18/05/2024
Rainfall(mm)	4	2	0	0	0
T-Max(°C)	35	36	37	35	39
T-Min(°C)	24	26	27	26	27
Cloud Cover(octa)	1	5	5	6	3
RH Max (%)	84	77	64	63	70
RH Min (%)	26	23	19	24	14
Wind Speed (Kmph)	14	17	15	11	18
Wind Direction (deg)	200	193	204	203	203

Agromet Advisory

General advisory: Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail after 2-3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

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 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 **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.-494
Date- 14/05/2024

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 8mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.8°C (-1.3 from normal) and 23.7°C (-1.13 from normal), respectively. The mean relative humidity was 70-73%.

Forecasted period: Today(8.30IST) to 19th May(8.30IST)2024

Weather advisory: Very Light to light rainfall/thundershower is forecasted for today and tomorrow and dry weather is forecasted for other 3 days in the block. The day temperature will be 35-41°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-84% and 20-30% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	14/05/2024	15/05/2024	16/05/2024	17/05/2024	18/05/2024
Rainfall(mm)	4	2	0	0	0
T-Max(°C)	35	36	38	36	41
T-Min(°C)	24	26	27	26	27
Cloud Cover(octa)	1	6	5	4	1
RH Max (%)	84	80	65	68	73
RH Min (%)	30	29	24	30	20
Wind Speed (Kmph)	16	18	19	15	24
Wind Direction (deg)	197	198	203	203	204

Agromet Advisory

General advisory: Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail after 2-3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

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 **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) 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.-494
Date- 14/05/2024

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 05mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.8°C (-1.3 from normal) and 23.7°C (-1.13 from normal), respectively. The mean relative humidity was 70-73%.

Forecasted period: Today(8.30IST) to 19th May(8.30IST)2024

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for today and tomorrow and dry weather is forecasted for other 3 days in the block.* The day temperature will be and it will be 35-39°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-81% and 17-28% 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)				
	14/05/2024	15/05/2024	16/05/2024	17/05/2024	18/05/2024
Rainfall(mm)	4	3	0	0	0
T-Max(°C)	35	36	37	36	39
T-Min(°C)	25	26	27	26	27
Cloud Cover(octal)	1	5	5	5	4
RH Max (%)	81	78	64	65	71
RH Min (%)	28	26	21	26	17
Wind Speed (Kmph)	15	18	17	14	20
Wind Direction (deg)	200	193	203	203	205

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail after 2-3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

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/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 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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AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 6mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.8°C (-1.3 from normal) and 23.7°C (-1.13 from normal), respectively. The mean relative humidity was 70-73%.

Forecasted period: Today(8.30IST) to 19th May(8.30IST)2024

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for today and tomorrow and dry weather is forecasted for other 3 days in the block.* The day temperature will be 31-37°C and night temperature will be 22-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 38-74% and 17-24% 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)				
	14/05/2024	15/05/2024	16/05/2024	17/05/2024	18/05/2024
Rainfall(mm)	3	2	0	0	0
T-Max(°C)	37	37	35	31	37
T-Min(°C)	22	24	26	25	25
Cloud Cover(/octa)	2	6	7	8	4
RH Max (%)	74	68	49	38	63
RH Min (%)	17	19	22	24	20
Wind Speed (Kmph)	10	10	8	4	8
Wind Direction (deg)	160	158	203	210	169

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail after 2-3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

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 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.





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Bulletin No.-494
 Date- 14/05/2024

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 9mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.8°C (-1.3 from normal) and 23.7°C (-1.13 from normal), respectively. The mean relative humidity was 70-73%.

Forecasted period: Today(8.30IST) to 19th May(8.30IST)2024

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for today and tomorrow and dry weather is forecasted for other 3 days in the block.* The day temperature will be 36-41°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-84% and 25-35% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	14/05/2024	15/05/2024	16/05/2024	17/05/2024	18/05/2024
Rainfall(mm)	4	2	0	0	0
T-Max(°C)	36	37	39	36	41
T-Min(°C)	24	26	27	26	27
Cloud Cover(octa)	0	6	5	4	1
RH Max (%)	84	81	68	72	75
RH Min (%)	33	33	29	35	25
Wind Speed(Kmph)	16	19	21	18	26
Wind Direction(deg)	197	198	203	203	203

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail after 2-3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

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 **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 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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INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK



(A Unit of ICAR-National Rice Research Institute)

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

Bulletin No.-494
Date- 14/05/2024

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 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.8°C (-1.3 from normal) and 23.7°C (-1.13 from normal), respectively. The mean relative humidity was 70-73%.

Forecasted period: Today(8.30IST) to 19th May(8.30IST)2024

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for today and tomorrow and dry weather is forecasted for other 3 days in the block.* The day temperature will be 35-39°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-82% and 17-30% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	14/05/2024	15/05/2024	16/05/2024	17/05/2024	18/05/2024
Rainfall(mm)	5	2	0	0	0
T-Max(°C)	35	36	37	36	39
T-Min(°C)	25	26	27	26	27
Cloud Cover(octa)	0	5	5	5	3
RH Max (%)	82	79	65	66	72
RH Min (%)	30	28	22	29	17
Wind Speed (Kmph)	15	18	18	15	21
Wind Direction (deg)	197	193	203	204	205

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail after 2-3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

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

Cucurbits:

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

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

Fruit:

Banana: If **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.-494
 Date- 14/05/2024

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 06mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.8°C (-1.3 from normal) and 23.7°C (-1.13 from normal), respectively. The mean relative humidity was 70-73%.

Forecasted period: Today(8.30IST) to 19th May(8.30IST)2024

Weather advisory: Very Light to light rainfall/thundershower is forecasted for today and tomorrow and dry weather is forecasted for other 3 days in the block. The day temperature will be 35-39°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-82% and 16-30% 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)				
	14/05/2024	15/05/2024	16/05/2024	17/05/2024	18/05/2024
Rainfall(mm)	4	2	0	0	0
T-Max(°C)	35	36	37	36	39
T-Min(°C)	25	26	27	26	27
Cloud Cover(octa)	1	5	5	5	3
RH Max (%)	82	78	64	66	72
RH Min (%)	30	27	21	27	16
Wind Speed (Kmph)	15	18	18	14	21
Wind Direction (deg)	197	193	203	203	205

Agromet Advisory

General advisory: Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail after 2-3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

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) 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.-494
 Date- 14/05/2024

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 9mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.8°C (-1.3 from normal) and 23.7°C (-1.13 from normal), respectively. The mean relative humidity was 70-73%.

Forecasted period: Today(8.30IST) to 19th May(8.30IST)2024

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for today and tomorrow and dry weather is forecasted for other 3 days in the block.* The day temperature will be 35-40°C and night temperature will be 29-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-83% and 35-51% 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)				
	14/05/2024	15/05/2024	16/05/2024	17/05/2024	18/05/2024
Rainfall(mm)	4	2	0	0	0
T-Max(°C)	37	37	39	35	40
T-Min(°C)	29	29	30	30	30
Cloud Cover(octa)	0	6	3	4	1
RH Max (%)	82	83	75	77	78
RH Min (%)	44	44	41	51	35
Wind Speed (Kmph)	17	19	24	23	29
Wind Direction (deg)	193	199	203	204	203

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail after 2-3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

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.-494
Date- 14/05/2024**

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 1mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 35.8°C (-1.3 from normal) and 23.7°C (-1.13 from normal), respectively. The mean relative humidity was 70-73%.

Forecasted period: Today(8.30IST) to 19th May(8.30IST)2024

Weather advisory: Very Light to light rainfall/thundershower is forecasted for today and tomorrow and dry weather is forecasted for other 3 days in the block. The day temperature will be 33-39°C and night temperature will be 23-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 54-81% and 14-26% 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)				
	14/05/2024	15/05/2024	16/05/2024	17/05/2024	18/05/2024
Rainfall(mm)	3	2	0	0	0
T-Max(°C)	36	36	36	33	39
T-Min(°C)	23	25	27	26	26
Cloud Cover(octa)	1	5	6	7	4
RH Max (%)	81	74	60	54	66
RH Min (%)	22	21	20	26	14
Wind Speed (Kmph)	13	14	12	8	13
Wind Direction (deg)	162	162	205	195	203

Agro met Advisory

General advisory: Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail after 2-3 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

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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Bulletin No.-494
Date- 14/05/2024

				
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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).

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

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