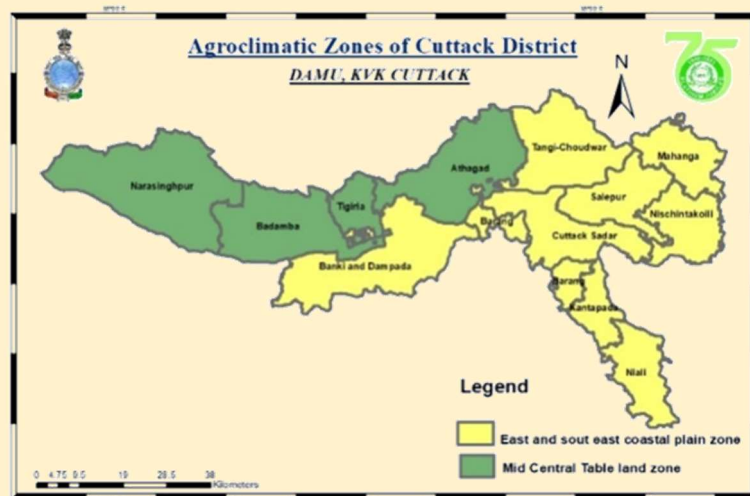




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Tuesday, 09th May, 2023
(For the period 09th to 13th May, 2023)*



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



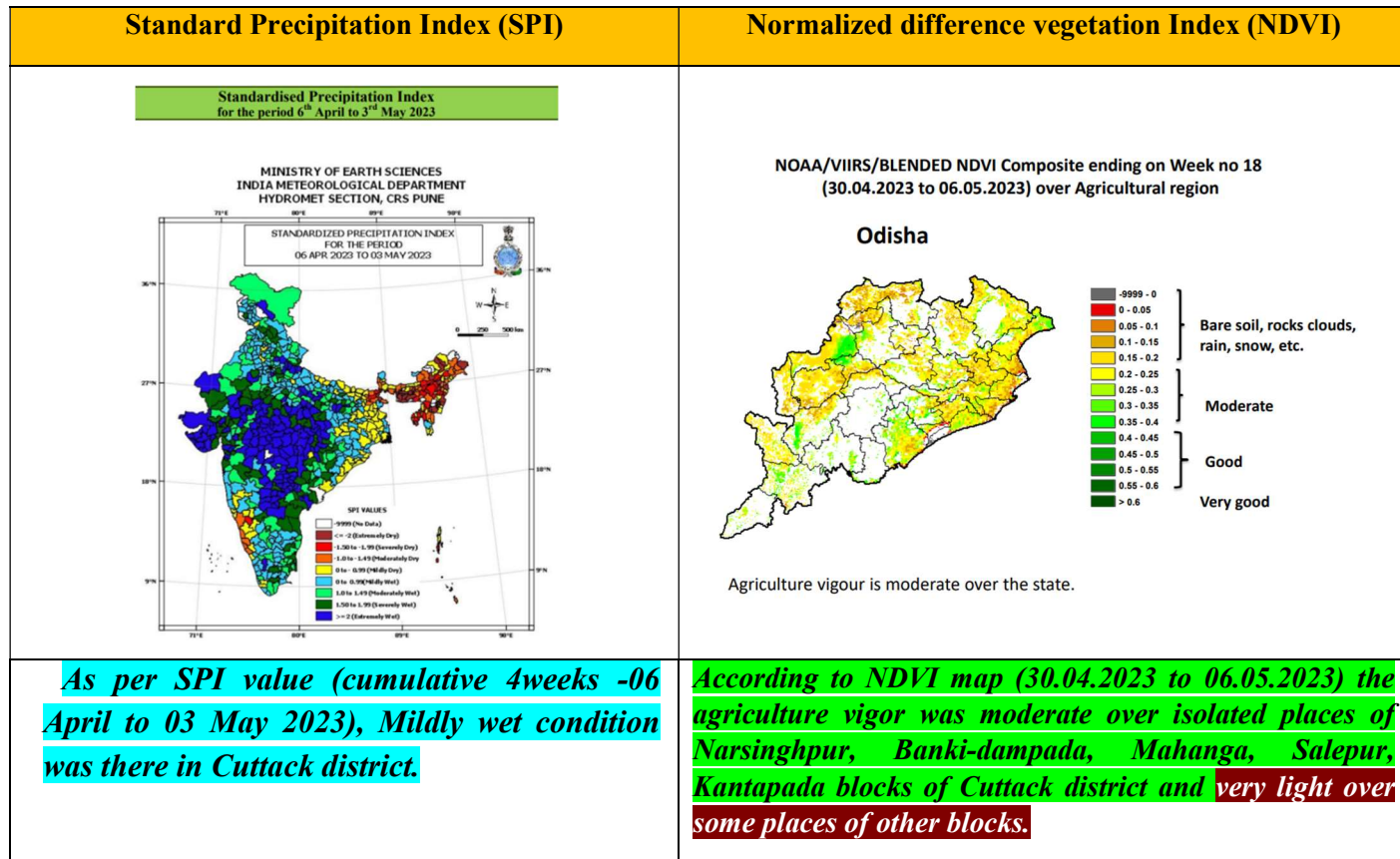


GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
 (A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com



Bulletin No.-398
Date- 09/05/2023

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)



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



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

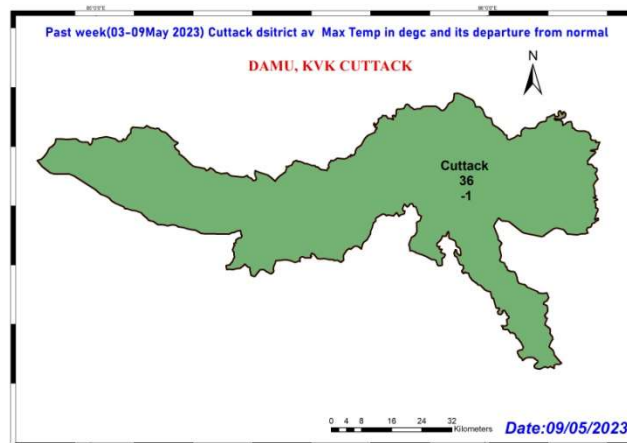
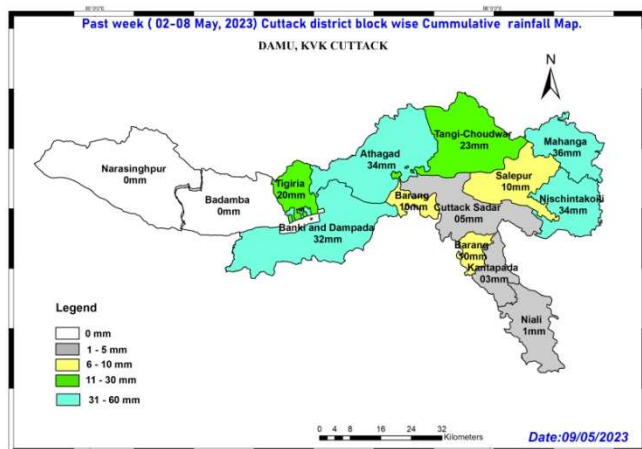


GRAMIN KRISHI MAUSAM SEWA
INDIA METEOROLOGICAL DEPARTMENT
DISTRICT AGROMET UNIT
KRISHI VIGYAN KENDRA CUTTACK
 (A Unit of ICAR-National Rice Research Institute)
 Email: kvkcuttack@gmail.com/damukvkcuttack@gmail.com

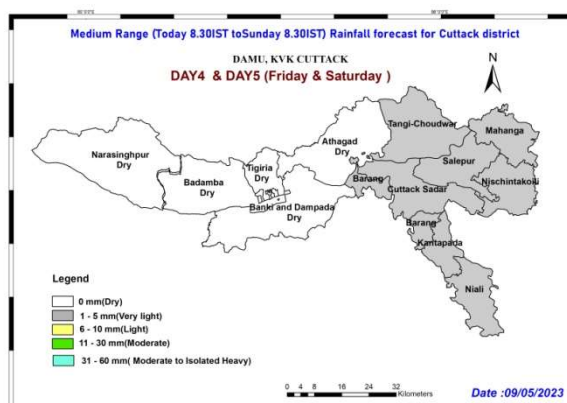
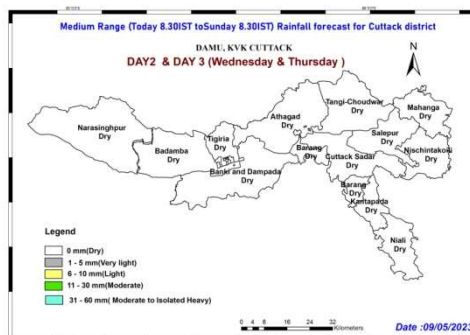
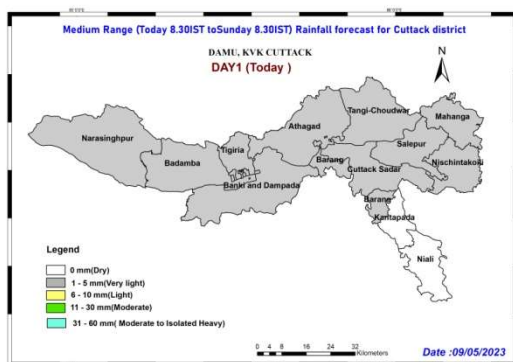


Bulletin No.-398
Date- 09/05/2023

Past week (02-08 May, 2023) cumulative rainfall and (03-09 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)



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



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



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



Bulletin No.-398
 Date- 09/05/2023

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (14-20 May 2023)				
Odisha	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall(mm)	5.89	1.05	460.26	Above Normal
	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature (°C)	36.43	37.90	-1.47	Normal
	Minimum temperature (°C)	24.76	25.71	-0.95	Normal

As per extended range outlook there will be above normal rainfall and below normal temperature is forecasted in subsequent week (14-20 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
 (Nodal officer)



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



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



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

(A Unit of ICAR-National Rice Research Institute)













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



Bulletin No.-398

Date- 09/05/2023

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 cattpillar
2	Brinjal	Fruiting		Phomopsis Blight
				Cercopera leaf spot
				Helicoverpa
3	Tomato	Fruting		Bacterial wilt
4	Okra	Vegetative to fruiting		Yellow vein mosaiv(YMV)
				fusarium and phytopthera
				Cercospera leaf spot
5	Cucurbits	Flowering to Fruiting stage		Late blight
				Downy Mildew

Dr Sujata Sethy
(Nodal officer)



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












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



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



Bulletin No.-398
Date- 09/05/2023

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

Dr Sujata Sethy
(Nodal officer)



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



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



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

(A Unit of ICAR-National Rice Research Institute)

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



Bulletin No.-398

Date- 09/05/2023

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 5 mm and district received average 2.41mm rainfall during the last week. The mean daily maximum and minimum temperature was **36.2°C (-1.04°C from normal)** and **26.4°C (2.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-78%.

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

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for today and dry weather is forecasted for upcoming 4 days in the block.* The day temperature will be **33-42°C** and night temperature will be **24-27°C** for upcoming 5 days. Maximum and minimum relative humidity will be 58-90% and 16-38% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	09/05/2023	10/05/2023	11/05/2023	12/05/2023	13/05/2023
Rainfall (mm)	1	0	0	0	0
T-Max (°C)	40	42	39	33	33
T-Min (°C)	27	25	25	24	25
Cloud Cover (octa)	3	6	8	8	8
RH Max (%)	58	87	90	83	79
RH Min (%)	19	16	17	35	38
Wind Speed (kmph)	15	12	12	15	15
Wind Direction (deg)	204	160	150	105	68

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for next 2 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

Summer Maize:

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

Vegetables:

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

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

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

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

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

Fruit:

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

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

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

Animal husbandry:

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

Dr Sujata Sethy
(Nodal officer)



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



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



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



Bulletin No.-398
Date- 09/05/2023

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

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 0 mm and district received average 2.41mm rainfall during the last week. The mean daily maximum and minimum temperature was **36.2°C (-1.04°C from normal)** and **26.4°C (2.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-78%.

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

Weatheradvisory: *Very Light to light rainfall/thundershower is forecasted for today and dry weather is forecasted for upcoming 4 days in the block.* The day temperature will be **34-42°C** and night temperature will be **24-27°C** for upcoming 5 days. Maximum and minimum relative humidity will be 51-87% and 16-34% 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	09/05/2023	10/05/2023	11/05/2023	12/05/2023	13/05/2023
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	41	42	39	34	35
T-Min(°C)	27	25	25	24	25
Cloud Cover(octa)	3	6	8	8	8
RH Max (%)	51	79	87	81	77
RH Min (%)	19	16	17	32	34
Wind Speed (Kmph)	14	12	12	14	14
Wind Direction (deg)	207	158	135	110	68

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for next 2 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

Summer Maize:

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

Vegetables:

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

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

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

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

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

Fruit:

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

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

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

Animal husbandry:

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

Dr Sujata Sethy
(Nodal officer)



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



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



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



Bulletin No.-398
Date- 09/05/2023

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 2.41mm rainfall during the last week. The mean daily maximum and minimum temperature was **36.2°C (-1.04°C from normal)** and **26.4°C (2.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-78%.

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

Weather advisory: Very Light to light rainfall/thundershower is forecasted for today and dry weather is forecasted for upcoming 4 days in the block. The day temperature will be **34-41°C** and night temperature will be **24-27°C** for upcoming 5 days. Maximum and minimum relative humidity will be 57-89% and 17-38% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	09/05/2023	10/05/2023	11/05/2023	12/05/2023	13/05/2023
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	40	41	39	34	34
T-Min(°C)	27	25	25	24	25
Cloud Cover(octa)	3	6	8	8	8
RH Max (%)	57	85	89	82	79
RH Min (%)	19	17	18	35	38
Wind Speed (Kmph)	17	13	12	15	15
Wind Direction (deg)	204	158	153	109	68

Agromet Advisory

General advisory: Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for next 2 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

Summer Maize:

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

Vegetables:

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

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

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

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

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

Fruit:

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

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

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

Animal husbandry:

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

Dr Sujata Sethy
(Nodal officer)



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



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



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

(A Unit of ICAR-National Rice Research Institute)

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



Bulletin No.-398

Date- 09/05/2023

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 5 mm and district received average 2.41mm rainfall during the last week. The mean daily maximum and minimum temperature was **36.2°C (-1.04°C from normal)** and **26.4°C (2.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-78%.

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

Weather Advisory: *Very Light to light rainfall/thundershower is forecasted for today and dry weather is forecasted for upcoming 4 days in the block.* The day temperature will be **33-41°C** and night temperature will be **24-27°C** for upcoming 5 days. Maximum and minimum relative humidity will be 58-89% and 17-39% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	09/05/2023	10/05/2023	11/05/2023	12/05/2023	13/05/2023
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	40	41	39	33	33
T-Min(°C)	27	25	25	24	25
Cloud Cover(octa)	3	6	8	8	8
RH Max (%)	58	85	89	82	79
RH Min (%)	19	17	18	35	39
Wind Speed (Kmph)	17	13	12	15	15
Wind Direction (deg)	203	160	153	109	203

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for next 2 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

Summer Maize:

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

Vegetables:

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

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

Brinjal: If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/ltr of water. If **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 **rhizome rot** will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g / litre of water.

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

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

Animal husbandry:

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

Dr Sujata Sethy
(Nodal officer)



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



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



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



Bulletin No.-398
Date- 09/05/2023

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 1.4 mm and district received average 2.41mm rainfall during the last week. The mean daily maximum and minimum temperature was **36.2°C (-1.04°C from normal)** and **26.4°C (2.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-78%.

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

Weatheradvisory: *Very Light to light rainfall/thundershower is forecasted for today , Friday & Saturday and dry weather is forecasted for other 2 days in the block.* The day temperature will be 31-40°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-90% and 18-40% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	09/05/2023	10/05/2023	11/05/2023	12/05/2023	13/05/2023
Rainfall(mm)	1	0	0	1	1
T-Max(°C)	39	40	38	32	31
T-Min(°C)	27	25	26	25	26
Cloud Cover	2	6	8	8	8
RH Max (%)	68	90	89	80	82
RH Min (%)	19	18	20	40	38
Wind Speed (Kmph)	18	14	12	17	16
Wind Direction (deg)	203	180	150	105	248

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for next 2 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

Summer Maize:

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

Vegetables:

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

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

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

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

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

Fruit:

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

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

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

Animal husbandry:

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

Dr Sujata Sethy
(Nodal officer)



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



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



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



Bulletin No.-398
Date- 09/05/2023

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

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 0.8 mm and district received average 2.41mm rainfall during the last week. The mean daily maximum and minimum temperature was **36.2°C (-1.04°C from normal)** and **26.4°C (2.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-78%.

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

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for today, Friday & Saturday and dry weather is forecasted for other 2 days in the block.* The day temperature will be **31-40°C** and night temperature will be **25-27°C** for upcoming 5 days. Maximum and minimum relative humidity will be 66-90% and 17-39% 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	09/05/2023	10/05/2023	11/05/2023	12/05/2023	13/05/2023
Rainfall(mm)	1	0	0	1	1
T-Max(°C)	39	40	38	32	31
T-Min(°C)	27	25	26	25	26
Cloud Cover(octa)	3	6	8	8	8
RH Max (%)	66	90	89	80	80
RH Min (%)	19	17	20	39	38
Wind Speed (Kmph)	17	12	12	16	15
Wind Direction (deg)	204	171	150	105	63

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for next 2 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

Summer Maize:

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

Vegetables:

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

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

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

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

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

Fruit:

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

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

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

Animal husbandry:

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

Dr Sujata Sethy
(Nodal officer)



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



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



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



Bulletin No.-398
Date- 09/05/2023

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 0.4 mm and district received average 2.41mm rainfall during the last week. The mean daily maximum and minimum temperature was **36.2°C (-1.04°C from normal)** and **26.4°C (2.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-78%.

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

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for Friday & Saturday and dry weather is forecasted for other 3 days in the block.* The day temperature will be 31-39°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 72-90% and 19-43% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	09/05/2023	10/05/2023	11/05/2023	12/05/2023	13/05/2023
Rainfall(mm)	0	0	0	2	1
T-Max(°C)	39	39	37	31	31
T-Min(°C)	27	26	26	26	26
Cloud Cover(octa)	2	6	8	8	8
RH Max (%)	72	90	90	79	82
RH Min (%)	19	19	23	43	39
Wind Speed (Kmph)	20	14	12	17	17
Wind Direction (deg)	203	198	135	109	252

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for next 2 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

Summer Maize:

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

Vegetables:

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

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

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

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

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

Fruit:

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

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

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

Animal husbandry:

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

Dr Sujata Sethy
(Nodal officer)



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



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



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



Bulletin No.-398
Date- 09/05/2023

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

The block received average 5 mm and district received average 2.41mm rainfall during the last week. The mean daily maximum and minimum temperature was **36.2°C (-1.04°C from normal)** and **26.4°C (2.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-78%.

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

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for today, Friday & Saturday and dry weather is forecasted for other 2 days in the block.* The day temperature will be and it will be **30-40°C** and night temperature will be **26-27°C** for upcoming 5 days. Maximum and minimum relative humidity will be 69-87% and 18-43% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	09/05/2023	10/05/2023	11/05/2023	12/05/2023	13/05/2023
Rainfall(mm)	1	0	0	1	1
T-Max(°C)	40	39	37	31	30
T-Min(°C)	27	26	26	26	26
Cloud Cover(octal)	2	6	8	8	8
RH Max (%)	69	87	85	78	75
RH Min (%)	19	18	23	43	43
Wind Speed (Kmph)	17	13	12	18	17
Wind Direction (deg)	204	193	135	109	64

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for next 2 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

Summer Maize:

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

Vegetables:

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

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

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

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

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

Fruit:

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

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

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

Animal husbandry:

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

Dr Sujata Sathy
(Nodal officer)



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



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



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



Bulletin No.-398
Date- 09/05/2023

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 0 mm and district received average 2.41mm rainfall during the last week. The mean daily maximum and minimum temperature was **36.2°C (-1.04°C from normal)** and **26.4°C (2.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-78%.

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

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for today and dry weather is forecasted for upcoming 4 days in the block.* The day temperature will be **33-43°C** and night temperature will be **23-27°C** for upcoming 5 days. Maximum and minimum relative humidity will be 47-87% and 13-29% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	09/05/2023	10/05/2023	11/05/2023	12/05/2023	13/05/2023
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	42	43	38	33	36
T-Min(°C)	27	25	24	23	24
Cloud Cover(octa)	4	7	8	8	8
RH Max (%)	47	75	87	81	77
RH Min (%)	16	15	13	29	27
Wind Speed (Kmph)	9	8	10	11	11
Wind Direction (deg)	203	152	146	107	72

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for next 2 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

Summer Maize:

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

Vegetables:

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

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

Brinjal: If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/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 spraying should be preferably carried out during evening hours. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraxnose**.

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

Animal husbandry:

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

Dr Sujata Sethy
(Nodal officer)



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



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



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



Bulletin No.-398
Date- 09/05/2023

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 0.1 mm and district received average 2.41mm rainfall during the last week. The mean daily maximum and minimum temperature was **36.2°C (-1.04°C from normal)** and **26.4°C (2.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-78%.

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

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for Friday & Saturday and dry weather is forecasted for other 3 days in the block.* The day temperature will be 31-39°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-90% and 21-47% 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	09/05/2023	10/05/2023	11/05/2023	12/05/2023	13/05/2023
Rainfall(mm)	0	0	0	2	2
T-Max(°C)	39	39	36	31	31
T-Min(°C)	27	26	26	26	26
Cloud Cover(octa)	2	6	8	8	8
RH Max (%)	75	89	90	79	82
RH Min (%)	21	21	28	47	41
Wind Speed(Kmph)	20	15	12	18	18
Wind Direction(deg)	203	198	135	34	63

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for next 2 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

Summer Maize:

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

Vegetables:

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

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

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

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

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

Fruit:

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

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

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

Animal husbandry:

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

Dr Sujata Sethy
(Nodal officer)



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



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



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



Bulletin No.-398
Date- 09/05/2023

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 6 mm and district received average 2.41mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.2°C (-1.04°C from normal) and 26.4°C (2.1°C from normal), respectively. Mean relative humidity of the district was around 64-78%.

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

Weatheradvisory: *Very Light to light rainfall/thundershower is forecasted for today , Friday & Saturday and dry weather is forecasted for other 2 days in the block.* The day temperature will be 30-40°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-88% and 18-43% 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)				
Date	09/05/2023	10/05/2023	11/05/2023	12/05/2023	13/05/2023
Rainfall(mm)	1	0	0	2	2
T-Max(°C)	40	39	37	31	30
T-Min(°C)	27	26	26	26	26
Cloud Cover(octa)	2	6	8	8	8
RH Max (%)	71	88	86	78	78
RH Min (%)	19	18	23	43	42
Wind Speed (Kmph)	18	14	12	18	17
Wind Direction (deg)	203	193	158	109	56

Agromet Advisory

General advisory: Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for next 2 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

Summer Maize:

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

Vegetables:

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

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

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

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

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

Fruit:

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

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

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

Animal husbandry:

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

Dr Sujata Sethy
(Nodal officer)



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



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



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



Bulletin No.-398
Date- 09/05/2023

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 5 mm and district received average 2.41mm rainfall during the last week. The mean daily maximum and minimum temperature was **36.2°C (-1.04°C from normal)** and **26.4°C (2.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-78%.

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

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for today, Friday & Saturday and dry weather is forecasted for other 2 days in the block.* The day temperature will be 30-39°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-88% and 18-43% 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	09/05/2023	10/05/2023	11/05/2023	12/05/2023	13/05/2023
Rainfall(mm)	1	0	0	1	1
T-Max(°C)	39	39	37	31	30
T-Min(°C)	27	26	26	26	26
Cloud Cover(octa)	2	6	8	8	8
RH Max (%)	70	88	86	78	79
RH Min (%)	19	18	23	43	41
Wind Speed (Kmph)	18	13	12	18	17
Wind Direction (deg)	203	193	135	109	63

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for next 2 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

Summer Maize:

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

Vegetables:

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

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

Brinjal: If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/ltr of water. If **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 **rhizome rot** will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g/ litre of water.

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

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

Animal husbandry:

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

Dr Sujata Sethy
(Nodal officer)



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



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



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



Bulletin No.-398
Date- 09/05/2023

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 1.4 mm and district received average 2.41mm rainfall during the last week. The mean daily maximum and minimum temperature was **36.2°C (-1.04°C from normal)** and **26.4°C (2.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-78%.

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

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for today, Friday & Saturday and dry weather is forecasted for other 2 days in the block.* The day temperature will be 34-41°C and night temperature will be 28-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-89% and 28-57% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	09/05/2023	10/05/2023	11/05/2023	12/05/2023	13/05/2023
Rainfall(mm)	1	0	0	1	1
T-Max(°C)	41	40	37	34	34
T-Min(°C)	29	28	29	29	28
Cloud Cover(octa)	1	5	8	8	8
RH Max (%)	78	86	89	79	78
RH Min (%)	28	30	42	57	47
Wind Speed (Kmph)	22	16	14	20	21
Wind Direction (deg)	204	180	152	79	56

Agromet Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for next 2 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

Summer Maize:

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

Vegetables:

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

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

Brinjal: If **phomopsis blight** will occur in brinjal, then spray zineb 75%WP 2gram/ltr of water. **Cercospora leaf spot** may be found after rainfall, if observe, then spray Carbendazim or zineb 75%WP 2gram/ltr of water. If **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 **rhizome rot** will be noticed in the field, drench the solution of Copper oxy chloride at 3g per L of water. For **leaf spot/sigatoka** as a precautionary measure spray carbendazim + mancozeb @ 2.0 g / litre of water followed by (15 days after) chlorothalnil @ 2.0 g/ litre of water.

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

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

Animal husbandry:

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

Dr Sujata Sethy
(Nodal officer)



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



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



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



Bulletin No.-398
Date- 09/05/2023

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 3 mm and district received average 2.41mm rainfall during the last week. The mean daily maximum and minimum temperature was **36.2°C (-1.04°C from normal)** and **26.4°C (2.1°C from normal)**, respectively. Mean relative humidity of the district was around 64-78%.

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

Weather advisory: *Very Light to light rainfall/thundershower is forecasted for today and dry weather is forecasted for upcoming 4 days in the block.* The day temperature will be 34-42°C and night temperature will be 24-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 54-89% and 16-38% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	09/05/2023	10/05/2023	11/05/2023	12/05/2023	13/05/2023
Rainfall(mm)	1	0	0	0	0
T-Max(°C)	41	42	40	34	34
T-Min(°C)	27	25	25	24	25
Cloud Cover(octa)	3	6	8	8	8
RH Max (%)	54	84	89	84	78
RH Min (%)	19	16	16	33	38
Wind Speed (Kmph)	15	12	12	15	15
Wind Direction (deg)	206	158	150	105	68

Agro met Advisory

General advisory: *Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition (40°C or nearby) likely to prevail for next 2 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.*

Summer Maize:

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

Vegetables:

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

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

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

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

Pointed gourd is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: **leaf spot, leaf blight, stem rot, fruit rot**) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper 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. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraxnose**.

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

Animal husbandry:

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

Dr Sujata Sethy
(Nodal officer)



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



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





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



Bulletin No.-398
 Date- 09/05/2023

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

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

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

Dr Sujata Sethy
 (Nodal officer)



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



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