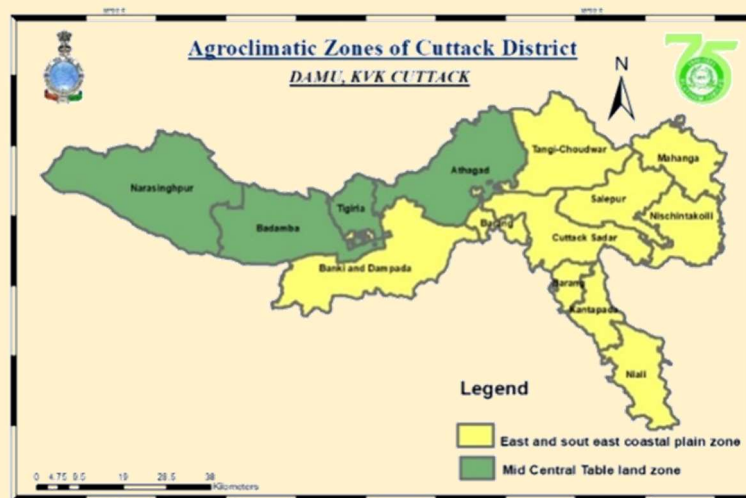




# *Cuttack District Block Wise Agro-met Advisory Service Bulletin*

*Friday, 26<sup>th</sup> May, 2023  
(For the period 26<sup>th</sup> to 30<sup>th</sup> May, 2023)*



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





**GRAMIN KRISHI MAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
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Bulletin No.-403  
Date- 26/05/2023

**STANDARD PRECIPITATION INDEX AND NDVI MAP**

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p style="text-align: center;"><b>Standardised Precipitation Index</b> for the period 20<sup>th</sup> April to 17<sup>th</sup> May 2023</p> <p style="text-align: center;">As per SPI value (cumulative 4weeks -20 April to 17 May 2023), Mildly dry condition was there in Cuttack district.</p>	<p style="text-align: center;">NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 20 (14.05.2023 to 20.05.2023) over Agricultural region</p> <p style="text-align: center;"><b>Odisha</b></p> <p style="text-align: center;">Agriculture vigour is moderate over the state.</p> <p style="text-align: center;">According to NDVI map (14.05.2023 to 20.05.2023) the agriculture vigor was moderate over isolated places of Narsinghpur, Banki-dampada, Badambaa blocks of Cuttack district and very light over some places of other blocks.</p>

<b>LEGEND (Medium range block level rainfall forecast)</b>		
	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

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

Dr Sujata Sethy  
(Nodal officer)



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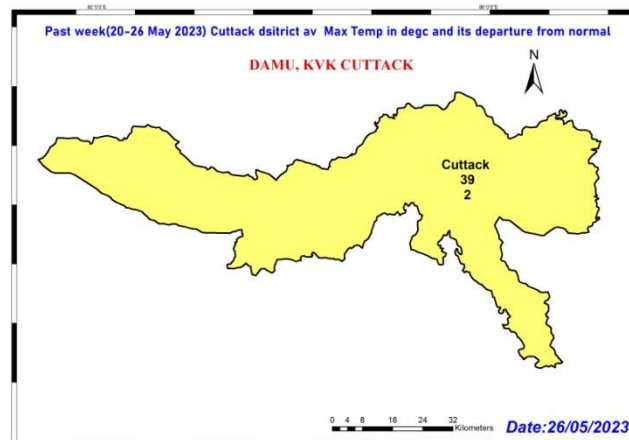
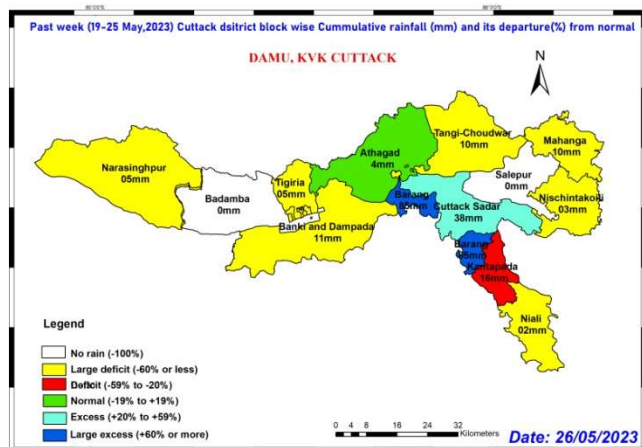


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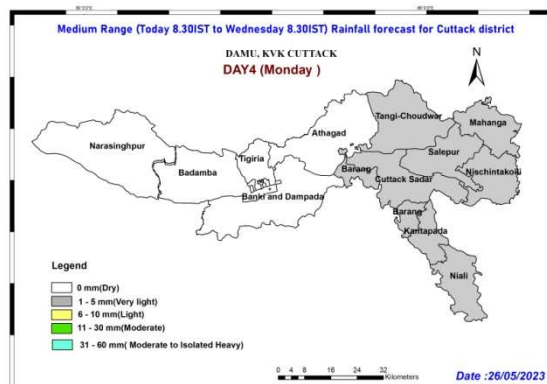
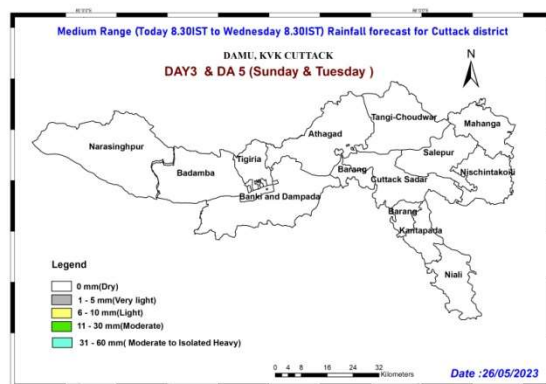
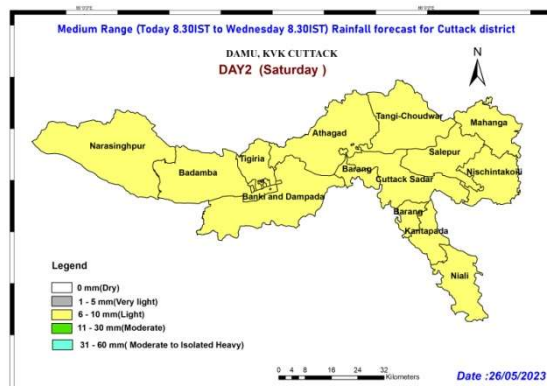
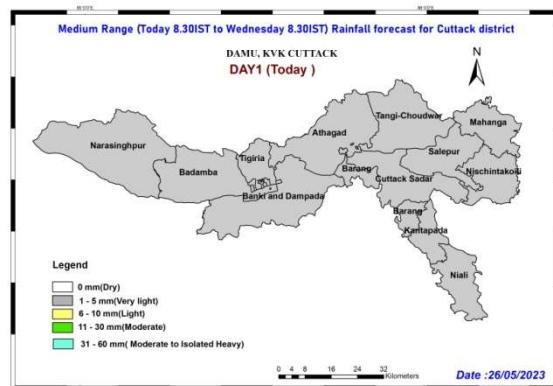


**Bulletin No.-403**  
**Date- 26/05/2023**

**Past week (19-25 May, 2023) cumulative rainfall departure% from normal and (20-26 May) average maximum temperature and its departure from normal for Cuttack district**



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



**Dr Sujata Sethy**  
 (Nodal officer)



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**Bulletin No.-403**  
**Date- 26/05/2023**

Met Sub division	Extended range outlook for subsequent 1 week (6 <sup>th</sup> to 12 <sup>th</sup> days) (31 May-06 June 2023)				
Odisha	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall (mm)	0.29	1.55	-81.10	Below Normal
	<i>Parameter</i>	<i>Actual</i>	<i>Normal</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature (°C)	39.09	38.01	1.08	Normal
	Minimum temperature (°C)	26.76	26.38	-0.38	Normal

As per extended range outlook there will be below normal rainfall is forecasted in subsequent week (31 May to 06 June, 2023) after 5 days for Odisha condition, so farmers should go for irrigation activities (Based upon nowcast), mulch application in summer vegetables and should complete summer ploughing and sowing of dhanicha in the subsequent week.

**Forecast of the Onset Date of Southwest Monsoon 2023 over Kerala**

This year, the southwest monsoon onset over Kerala is likely to be slightly delayed than normal date of onset. The monsoon onset over Kerala is likely to be on 4<sup>th</sup> June with a model error of  $\pm 4$  days.

Dr Sujata Sethy  
(Nodal officer)



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Bulletin No.-403

Date- 26/05/2023

**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	Tomato	Fruting		Bacterial wilt
2	Okra	Vegetative to fruiting		Yellow vein mosaiv(YMV)
				fusarium and phytopthera
				Cercospera leaf spot
3	Cucurbits	Flowering to Fruiting stage		Late blight
				Downy Mildew
				Leaf spot
				Stem Rot
				Fruit rot
4	Mango	Fruiting stage		Fruit borer
				Anthracnose

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Bulletin No.-403

Date- 26/05/2023

**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

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

The block received average 7mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 39.1°C (2°C from normal) and 26°C (0.8°C from normal), respectively. Mean relative humidity of the district was around 63-74%.

**Forecasted period: Today(8.30IST) to 31<sup>st</sup> May(8.30IST)2023**

**Weather advisory:** Light to very light rainfall/thundershower is forecasted for Today, tomorrow dry weather is forecasted for other 3 days in the block. The day temperature will be 37-38°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-89% and 20-25% 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	26/05/2023	27/05/2023	28/05/2023	29/05/2023	30/05/2023
Rainfall (mm)	4	6	0	0	0
T-Max (°C)	38	38	38	38	37
T-Min (°C)	28	27	28	28	28
Cloud Cover (octa)	4	2	1	4	7
RH Max (%)	80	88	85	83	89
RH Min (%)	21	23	20	20	25
Wind Speed (kmph)	13	11	13	16	16
Wind Direction (deg)	203	159	180	193	171

**Agromet Advisory**

**General advisory:**

Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

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

**GREEN MANURING:**

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

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

**Vegetables:** Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3 days.

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

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

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

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

**Fruit:**

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

Anthracnose.

**Animal husbandry:**

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

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)**



**Bulletin No.-403**  
**Date- 26/05/2023**

**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 0mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was **39.1°C (2°C from normal)** and **26°C (0.8°C from normal)**, respectively. Mean relative humidity of the district was around 63-74%.

**Forecasted period: Today(8.30IST) to 31<sup>st</sup> May(8.30IST)2023**

**Weather advisory:** *Light to very light rainfall/thundershower is forecasted for Today, tomorrow dry weather is forecasted for other 3 days in the block.* The day temperature will be 39°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-85% and 19-24% 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)				
Date	26/05/2023	27/05/2023	28/05/2023	29/05/2023	30/05/2023
Rainfall(mm)	4	6	0	0	0
T-Max(°C)	39	39	39	39	39
T-Min(°C)	27	27	26	27	27
Cloud Cover(octa)	4	1	1	5	7
RH Max (%)	79	83	81	80	85
RH Min (%)	24	21	19	19	20
Wind Speed (Kmph)	10	9	11	14	12
Wind Direction (deg)	180	153	162	165	191

**Agromet Advisory**

**General advisory:**

**Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.**

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

**GREEN MANURING:**

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

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

**Vegetables:** **Vegetables:** Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3 days.

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

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

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

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

**Fruit:**

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

**Animal husbandry:**

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

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-403**  
**Date- 26/05/2023**

**AGROMET ADVISORY BULLETIN FOR BANKI**

**District Past week average weather condition**

The district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was **39.1°C (2°C from normal)** and **26°C (0.8°C from normal)**, respectively. Mean relative humidity of the district was around 63-74%.

**Forecasted period: Today(8.30IST) to 31<sup>st</sup> May (8.30IST)2023**

**Weather advisory:** *Light to very light rainfall/thundershower is forecasted for Today, tomorrow, Monday & dry weather is forecasted for other 3 days in the block.* The day temperature will be **38-39°C** and night temperature will be **27-28°C** for upcoming 5 days. Maximum and minimum relative humidity will be 82-89% and 20-25% 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	26/05/2023	27/05/2023	28/05/2023	29/05/2023	30/05/2023
Rainfall(mm)	4	7	0	3	0
T-Max(°C)	39	38	38	38	38
T-Min(°C)	28	27	27	27	27
Cloud Cover(octa)	4	1	1	4	7
RH Max (%)	82	88	84	83	89
RH Min (%)	23	24	21	20	25
Wind Speed (Kmph)	12	11	14	16	16
Wind Direction (deg)	203	158	167	165	171

**Agromet Advisory**

**General advisory:**

**Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.**

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

**GREEN MANURING:**

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

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

**Vegetables:** *Vegetables: Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3 days.*

*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**.

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

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

**Fruit:**

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

**Animal husbandry:**

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

**Dr Sujata Sethy**  
**(Nodal officer)**



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# 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.-403

Date- 26/05/2023

## AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 2mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was **39.1°C (2°C from normal)** and **26°C (0.8°C from normal)**, respectively. Mean relative humidity of the district was around 63-74%.

### Forecasted period: Today(8.30IST) to 31<sup>st</sup> May(8.30IST)2023

**Weather Advisory:** Light to very light rainfall/thundershower is forecasted for Today, tomorrow, Monday & dry weather is forecasted for other 3 days in the block. The day temperature will be 38-39°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 83-89% and 20-27% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Banki-Dampada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	26/05/2023	27/05/2023	28/05/2023	29/05/2023	30/05/2023
Rainfall(mm)	2	7	0	2	0
T-Max(°C)	39	38	38	38	38
T-Min(°C)	28	27	27	27	27
Cloud Cover(octa)	4	1	1	4	7
RH Max (%)	83	88	84	83	89
RH Min (%)	23	25	22	20	27
Wind Speed (Kmph)	12	11	14	16	16
Wind Direction (deg)	206	158	167	165	171

### Agromet Advisory

#### General advisory:

Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

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

#### GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

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

**Vegetables:** Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3 days.

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

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

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

**Pointed gourd** is at flowering and fruiting stage. Present weather may aggravate fruit and vine rot (symptoms: leaf spot, leaf blight, stem rot, fruit rot) of pointed gourd. If observe remove damaged fruit and vines from the field and should not be kept in and around the field. Spray alternately Copper 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:

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

#### Animal husbandry:

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

Dr Sujata Sethy  
(Nodal officer)



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**GRAMIN KRISHIMAUSAM SEWA**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**  
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**Bulletin No.-403**  
**Date- 26/05/2023**

**AGROMET ADVISORY BULLETIN FOR BARANGA**

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

The block received average 12mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 39.1°C (2°C from normal) and 26°C (0.8°C from normal), respectively. Mean relative humidity of the district was around 63-74%.

**Forecasted period: Today(8.30IST) to 31<sup>st</sup> May (8.30IST)2023**

**Weather advisory:** Light to very light rainfall/thundershower is forecasted for Today, tomorrow, Monday & dry weather is forecasted for other 3 days in the block. The day temperature will be 36-37°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-91% and 21-32% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	26/05/2023	27/05/2023	28/05/2023	29/05/2023	30/05/2023
Rainfall(mm)	2	7	0	2	0
T-Max(°C)	37	36	37	37	36
T-Min(°C)	28	27	28	28	28
Cloud Cover	4	2	0	4	7
RH Max (%)	84	91	86	80	87
RH Min (%)	21	32	25	23	32
Wind Speed (Kmph)	17	13	17	19	20
Wind Direction (deg)	207	198	201	201	203

**Agromet Advisory**

**General advisory:**

Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

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

**GREEN MANURING:**

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

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

**Vegetables:** Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3 days.

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

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

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

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

**Fruit:**

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

Anthracnose.

**Animal husbandry:**

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

**Dr Sujata Sethy**  
**(Nodal officer)**



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



**Bulletin No.-403**  
**Date- 26/05/2023**

**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 6mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was 39.1°C (2°C from normal) and 26°C (0.8°C from normal), respectively. Mean relative humidity of the district was around 63-74%.

**Forecasted period: Today(8.30IST) to 31<sup>st</sup> May (8.30IST)2023**

**Weather advisory:** Light to very light rainfall/thundershower is forecasted for Today, tomorrow, Monday & dry weather is forecasted for other 3 days in the block. The day temperature will be 36-37°C and night temperature will be 27-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-90% and 20-27% 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	26/05/2023	27/05/2023	28/05/2023	29/05/2023	30/05/2023
Rainfall(mm)	1	7	0	2	0
T-Max(°C)	37	37	37	37	36
T-Min(°C)	29	27	28	28	28
Cloud Cover(octa)	4	2	1	4	7
RH Max (%)	81	90	85	80	87
RH Min (%)	20	27	22	21	26
Wind Speed (Kmph)	16	12	16	18	19
Wind Direction (deg)	207	193	193	198	203

**Agromet Advisory**

**General advisory:**

Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

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

**GREEN MANURING:**

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

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

**Vegetables:** Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3 days.

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

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

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

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

**Fruit:**

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

**Animal husbandry:**

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

**Dr Sujata Sethy**  
**(Nodal officer)**



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# 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 KANTAPADA



Bulletin No.-403

Date- 26/05/2023

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

The block received average 2mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was **39.1°C (2°C from normal)** and **26°C (0.8°C from normal)**, respectively. Mean relative humidity of the district was around 63-74%.

**Forecasted period: Today(8.30IST) to 31<sup>st</sup> May (8.30IST)2023**

**Weather advisory:** *Light to very light rainfall/thundershower is forecasted for Today, tomorrow, Monday & dry weather is forecasted for other 3 days in the block.* The day temperature will be **35-38°C** and night temperature will be **27-28°C** for upcoming 5 days. Maximum and minimum relative humidity will be 81-91% and 25-43% respectively. **There will be clear to partly cloudy sky for next 5 days.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	26/05/2023	27/05/2023	28/05/2023	29/05/2023	30/05/2023
Rainfall(mm)	2	8	0	2	0
T-Max(°C)	38	36	37	37	35
T-Min(°C)	28	27	28	28	28
Cloud Cover(octa)	4	2	0	4	8
RH Max (%)	85	91	86	81	85
RH Min (%)	25	41	33	28	43
Wind Speed (Kmph)	18	16	19	21	21
Wind Direction (deg)	207	198	203	203	201

## Agromet Advisory

### General advisory:

**Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.**

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

### GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

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

**Vegetables:** **Vegetables:** Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3 days.

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

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

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

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

### Fruit:

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

### Animal husbandry:

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

Dr Sujata Sethy  
(Nodal officer)



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# 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.-403

Date- 26/05/2023

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

The block received average 1mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was **39.1°C (2°C from normal)** and **26°C (0.8°C from normal)**, respectively. Mean relative humidity of the district was around 63-74%.

**Forecasted period: Today(8.30IST) to 31<sup>st</sup> May (8.30IST)2023**

**Weather advisory:** Light to very light rainfall/thundershower is forecasted for Today, tomorrow, Monday & dry weather is forecasted for other 3 days in the block. The day temperature will be and it will be **36-38°C** and night temperature will be **27-29°C** for upcoming 5 days. Maximum and minimum relative humidity will be 74-88% and 21-32% 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	26/05/2023	27/05/2023	28/05/2023	29/05/2023	30/05/2023
Rainfall(mm)	2	7	0	2	0
T-Max(°C)	38	36	37	38	38
T-Min(°C)	29	27	28	28	28
Cloud Cover(octal)	3	1	1	4	7
RH Max (%)	74	88	84	77	83
RH Min (%)	21	32	25	24	27
Wind Speed (Kmph)	19	15	18	20	20
Wind Direction (deg)	207	201	203	201	206

## Agromet Advisory

### General advisory:

Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

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

### GREEN MANURING:

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

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

**Vegetables:** Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3 days.

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.

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

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

### Fruit:

**Mango:** For control of mango fruit borer spray Neem oil 3ml + 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. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control Anthracnose.

### Animal husbandry:

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

Dr Sujata Sethy  
(Nodal officer)



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**KRISHI VIGYAN KENDRA CUTTACK**  
**(A Unit of ICAR-National Rice Research Institute)**



**Bulletin No.-403**  
**Date- 26/05/2023**

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

**AGROMET ADVISORY BULLETIN FOR NARASINGHPUR**

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

The block received average 1mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was **39.1°C (2°C from normal)** and **26°C (0.8°C from normal)**, respectively. Mean relative humidity of the district was around 63-74%.

**Forecasted period: Today(8.30IST) to 31<sup>st</sup> May (8.30IST)2023**

**Weather advisory:** *Light to very light rainfall/thundershower is forecasted for Today, tomorrow dry weather is forecasted for other 3 days in the block.* The day temperature will be 39-42°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-78% and 16-23% 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	26/05/2023	27/05/2023	28/05/2023	29/05/2023	30/05/2023
Rainfall(mm)	3	6	0	0	0
T-Max(°C)	40	40	41	42	39
T-Min(°C)	26	26	25	27	27
Cloud Cover(octa)	4	3	2	5	7
RH Max (%)	77	73	75	68	78
RH Min (%)	23	17	16	16	18
Wind Speed (Kmph)	7	5	7	9	7
Wind Direction (deg)	165	158	159	160	162

**Agromet Advisory**

**General advisory:**

**Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.**

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

**GREEN MANURING:**

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

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

**Vegetables:** **Vegetables:** Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3 days.

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

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

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

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

**Fruit:**

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

**Animal husbandry:**

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

**Dr Sujata Sethy**  
**(Nodal officer)**



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**Bulletin No.-403**  
**Date- 26/05/2023**

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

The block received average 0.3mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was **39.1°C (2°C from normal)** and **26°C (0.8°C from normal)**, respectively. Mean relative humidity of the district was around 63-74%.

**Forecasted period: Today(8.30IST) to 31<sup>st</sup> May (8.30IST)2023**

**Weather advisory:** *Light to very light rainfall/thundershower is forecasted for Today, tomorrow, Monday & dry weather is forecasted for other 3 days in the block.* The day temperature will be **36-39°C** and night temperature will be **27-28°C** for upcoming 5 days. Maximum and minimum relative humidity will be 82-91% and 28-49% 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	26/05/2023	27/05/2023	28/05/2023	29/05/2023	30/05/2023
Rainfall(mm)	2	7	0	2	0
T-Max(°C)	39	36	37	38	36
T-Min(°C)	28	27	28	28	28
Cloud Cover(octa)	4	1	0	4	8
RH Max (%)	86	91	87	82	84
RH Min (%)	28	48	40	35	49
Wind Speed(Kmph)	18	17	20	22	23
Wind Direction(deg)	207	201	203	203	201

**Agromet Advisory**

**General advisory:**

**Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.**

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

**GREEN MANURING:**

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

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

**Vegetables:** *Vegetables: Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3 days.*

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

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

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

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

**Fruit:**

**Mango:** For control of mango **fruit borer** spray Neem oil 3ml + 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. Spray the foliage with Tebuconazole 50% + Trifloxystrobin 25% WG @ 1g/lit to control **Anthraco**.

**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)



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Bulletin No.-403

Date- 26/05/2023

**AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI**

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

The block received average 0.4mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was **39.1°C (2°C from normal)** and **26°C (0.8°C from normal)**, respectively. Mean relative humidity of the district was around 63-74%.

**Forecasted period: Today(8.30IST) to 31<sup>st</sup> May (8.30IST)2023**

**Weather advisory:** *Light to very light rainfall/thundershower is forecasted for Today, tomorrow, Monday & dry weather is forecasted for other 3 days in the block.* The day temperature will be **36-38°C** and night temperature will be **27-29°C** for upcoming 5 days. Maximum and minimum relative humidity will be 76-89% and 21-35% 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	26/05/2023	27/05/2023	28/05/2023	29/05/2023	30/05/2023
Rainfall(mm)	1	8	0	2	0
T-Max(°C)	38	36	37	38	37
T-Min(°C)	29	27	28	28	28
Cloud Cover(octa)	3	1	0	4	7
RH Max (%)	76	89	84	78	83
RH Min (%)	21	35	28	25	31
Wind Speed (Kmph)	19	16	18	20	21
Wind Direction (deg)	212	201	203	203	203

**Agromet Advisory**

**General advisory:**

**Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.**

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

**GREEN MANURING:**

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre.. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

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

**Vegetables:** **Vegetables:** Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3 days.

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

**Okra:** To control **Yellow Vain Mosaic Virus (YVMV)** in Okra apply Neem oil (10000 ppm) @ 20 ml/ 10 liter at dawn or use yellow sticky trap to control this disease. Spray 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**.

**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:**

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

**Animal husbandry:**

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

Dr Sujata Sethy  
(Nodal officer)



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**Bulletin No.-403**  
**Date- 26/05/2023**

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

The block received average 0mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was **39.1°C (2°C from normal)** and **26°C (0.8°C from normal)**, respectively. Mean relative humidity of the district was around 63-74%.

**Forecasted period: Today(8.30IST) to 31<sup>st</sup> May(8.30IST)2023**

**Weather advisory:** *Light to very light rainfall/thundershower is forecasted for Today, tomorrow, Monday & dry weather is forecasted for other 3 days in the block.* The day temperature will be **36-38°C** and night temperature will be **27-29°C** for upcoming 5 days. Maximum and minimum relative humidity will be 77-89% and 21-33% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	26/05/2023	27/05/2023	28/05/2023	29/05/2023	30/05/2023
Rainfall(mm)	1	8	0	2	0
T-Max(°C)	38	36	37	37	37
T-Min(°C)	29	27	28	28	28
Cloud Cover(octa)	3	2	0	4	7
RH Max (%)	77	89	84	78	83
RH Min (%)	21	33	26	24	30
Wind Speed (Kmph)	19	15	18	20	21
Wind Direction (deg)	207	201	203	201	203

**Agromet Advisory**

**General advisory:**

**Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.**

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

**GREEN MANURING:**

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

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

**Vegetables:** **Vegetables:** Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3days.

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

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

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

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

**Fruit:**

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

**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)**



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Bulletin No.-403

Date- 26/05/2023

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

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

The block received average 2mm and district received average 4mm rainfall during the last week. The mean daily maximum and minimum temperature was **39.1°C (2°C from normal)** and **26°C (0.8°C from normal)**, respectively. Mean relative humidity of the district was around 63-74%.

**Forecasted period: Today(8.30IST) to 31<sup>st</sup> May (8.30IST) 2023**

**Weather advisory:** Light to very light rainfall/thundershower is forecasted for Today, tomorrow, Monday & dry weather is forecasted for other 3 days in the block. The day temperature will be 37-42°C and night temperature will be 29-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 82-89% and 31-57% 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	26/05/2023	27/05/2023	28/05/2023	29/05/2023	30/05/2023
Rainfall(mm)	2	8	0	2	0
T-Max(°C)	42	37	38	38	39
T-Min(°C)	30	29	30	30	30
Cloud Cover(octa)	3	2	0	4	8
RH Max (%)	82	89	87	83	83
RH Min (%)	31	57	51	47	49
Wind Speed (Kmph)	22	21	22	23	25
Wind Direction (deg)	207	201	203	203	212

**Agromet Advisory**

**General advisory:**

Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.

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

**GREEN MANURING:**

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

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

**Vegetables:** Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3 days.

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

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

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

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

**Fruit:**

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

**Animal husbandry:**

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

Dr Sujata Sethy  
(Nodal officer)



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**Bulletin No.-403**  
**Date- 26/05/2023**

**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 4mm rainfall during the last week. The mean daily maximum and minimum temperature was **39.1°C (2°C from normal)** and **26°C (0.8°C from normal)**, respectively. Mean relative humidity of the district was around 63-74%.

**Forecasted period: Today(8.30IST) to 31<sup>st</sup> May (8.30IST)2023**

**Weather advisory:** *Light to very light rainfall/thundershower is forecasted for Today, tomorrow dry weather is forecasted for other 3 days in the block.* The day temperature will be **38-39°C** and night temperature will be **27-28°C** for upcoming 5 days. Maximum and minimum relative humidity will be 79-88% and 19-23% 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	26/05/2023	27/05/2023	28/05/2023	29/05/2023	30/05/2023
Rainfall(mm)	5	6	0	0	0
T-Max(°C)	38	39	39	39	38
T-Min(°C)	28	27	27	27	28
Cloud Cover(octa)	4	1	1	5	7
RH Max (%)	79	86	84	82	88
RH Min (%)	22	22	19	19	23
Wind Speed (Kmph)	12	10	12	15	15
Wind Direction (deg)	169	153	159	165	171

**Agro met Advisory**

**General advisory:**

**Farmers are advised to go for summer ploughing in the dry days as sufficient amount of rainfall was realized in the past and prepare the field for kharif sowing. As increase in day temperature condition likely to prevail in next 5 days, so farmers should cover the soil with natural/straw mulch and advised to strengthen the field bund to conserve present soil moisture.**

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

**GREEN MANURING:**

Optimum time for sowing of green manuring crops like Sesbania and sunhemp in the areas receiving convectional rain. Green manuring crops are sown in medium and low land condition at 6-8 weeks before transplanting of rice. Use 10 kg seeds of Sesbania per acre. Apply all the recommended dose of phosphorous of rice (100 kg of SSP) to the field during sowing time. Incorporate the green manuring plant at 6-8 week stage for better decomposition before transplanting. It adds 6-7 tons of green matter and in turn 25-30 kg of N to the succeeding rice crop per ha.

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

**Vegetables:** *Vegetables: Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature after 3 days.*

*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**.

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

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

**Fruit:**

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

**Animal husbandry:**

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

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(Nodal officer)



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advisories in local language and DAMINI  
APP for Lightening alert in your area



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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	<a href="https://icar-nrri.in/agromate/">https://icar-nrri.in/agromate/</a>	
2	Agromet division, IMD, Pune	<a href="https://imdagrmet.gov.in/imdproject/AGIndex.php">https://imdagrmet.gov.in/imdproject/AGIndex.php</a>	

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