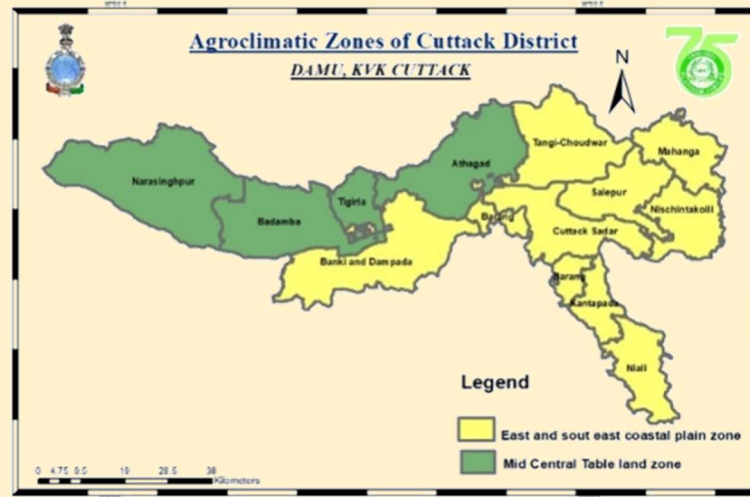




# *Cuttack District Block Wise Agro-met Advisory Service Bulletin*

*Tuesday, 11<sup>th</sup> June, 2024  
 (For the period 11<sup>th</sup> to 15<sup>th</sup> June, 2024)*



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





**STANDARD PRECIPITATION INDEX AND NDVI MAP**

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
<p><b>Standardised Precipitation Index for the period 28<sup>th</sup> September to 25<sup>th</sup> October 2023</b></p>	<p><b>NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 20 (27.05.2024 to 02.06.2024) over Agricultural region</b></p> <p><b>Odisha</b></p> <p>Agriculture vigour is moderate at few places of the state.</p>
<p><b>As per SPI value (cumulative 4weeks -28 September to 25 October 2023), mildly dry condition was there in Cuttack district.</b></p>	<p><b>According to NDVI map (27.05.2024 to 02.06.2024) the agriculture vigor was Moderate over Narasinghpur, Badamba and Dampada blocks and light over maximum blocks of Cuttack district.</b></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
[Blue]	Below Normal	< 2°C from normal
[Green]	Normal	-2°C to +2°C from normal
[Yellow]	Above Normal	>2°C from normal





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











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Bulletin No.-502  
Date- 11/06/2024

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

Sl No	Crop	Stage and condition of the crop	Anticipated Disease and pest
1	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.-502  
Date- 11/06/2024

**AGROMET ADVISORY BULLETIN FOR ATHAGAD**

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

The block received average 00 mm and district received average 0.1 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38.47°C (+1.97 from normal) and 26.9°C (+1.79 from normal), respectively. The mean relative humidity was 75-84%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> June (8.30IST)2024**

**Weather advisory:** Dry weather is forecasted for upcoming 5days in the block. The day temperature will be 38-40°C and night temperature will be 27-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 43-71% and 14-23% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	11/06/2024	12/06/2024	13/06/2024	14/06/2024	15/06/2024
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	38	38	39	39	40
T-Min (°C)	27	27	28	29	30
Cloud Cover (octa)	6	6	7	4	7
RH Max (%)	69	71	67	53	43
RH Min (%)	23	19	18	16	14
Wind Speed (kmph)	20	22	21	19	23
Wind Direction (deg)	193	199	212	205	296

**Agromet Advisory**

**General advisory:**

Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.

**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:**

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:** Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

**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.

DrRanjan Kumar Mohanta  
(Nodal officer)



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Bulletin No.-502  
Date- 11/06/2024

**AGROMET ADVISORY BULLETIN FOR BADAMBA**

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

The block received average 01 mm and district received average 0.1 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 38.47°C (+1.97 from normal) and 26.9°C (+1.79 from normal), respectively.** The mean relative humidity was 75-84%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> June (8.30IST)2024**

**Weather advisory: Very light to light rainfall is forecasted for today and dry weather is forecasted for other 4 days in the block.** The day temperature will be 38-40°C and night temperature will be 26-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 44-68% and 14-21% 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)				
	11/06/2024	12/06/2024	13/06/2024	14/06/2024	15/06/2024
Rainfall(mm)	5	0	0	0	0
T-Max(°C)	39	38	39	40	40
T-Min(°C)	26	26	28	29	29
Cloud Cover(octa)	4	7	6	5	7
RH Max (%)	65	68	59	45	44
RH Min (%)	21	21	17	14	14
Wind Speed (Kmph)	17	18	17	15	21
Wind Direction (deg)	193	191	214	205	293

**Agromet Advisory**

**General advisory:**

**Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.**

**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:**

**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:** Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

**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.**

DrRanjan Kumar Mohanta  
(Nodal officer)



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Bulletin No.-502  
Date- 11/06/2024

**AGROMET ADVISORY BULLETIN FOR BANKI**

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

The district received average 0.1 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38.47°C (+1.97 from normal) and 26.9°C (+1.79 from normal), respectively. The mean relative humidity was 75-84%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> June (8.30IST)2024**

**Weather advisory:: Dry weather is forecasted for upcoming 5 days in the block.** The day temperature will be 38-40°C and night temperature will be 27-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 42-71% and 14-24% 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)				
	11/06/2024	12/06/2024	13/06/2024	14/06/2024	15/06/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	38	38	39	39	40
T-Min(°C)	27	27	28	29	30
Cloud Cover(octa)	5	7	6	4	7
RH Max (%)	69	71	65	50	42
RH Min (%)	24	20	21	19	14
Wind Speed (Kmph)	20	21	21	19	22
Wind Direction (deg)	193	199	207	203	289

**Agromet Advisory**

**General advisory:**

**Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.**

**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:**

**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:** Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

**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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Bulletin No.-502  
Date- 11/06/2024

**AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA**

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

The block received average 00 mm and district received average 0.1 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38.47°C (+1.97 from normal) and 26.9°C (+1.79 from normal), respectively. The mean relative humidity was 75-84%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> June (8.30IST)2024**

**Weather Advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 38-40°C and night temperature will be 27-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 42-71% and 14-24% 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)				
	11/06/2024	12/06/2024	13/06/2024	14/06/2024	15/06/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	38	38	39	39	40
T-Min(°C)	27	27	28	29	30
Cloud Cover(octa)	5	7	6	4	7
RH Max (%)	69	71	66	51	42
RH Min (%)	24	21	22	19	14
Wind Speed (Kmph)	20	21	22	19	22
Wind Direction (deg)	193	199	207	205	289

**Agromet Advisory**

**General advisory:**

Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.

**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:**

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 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:** Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

**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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Bulletin No.-502  
Date- 11/06/2024

**AGROMET ADVISORY BULLETIN FOR BARANGA**

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

The block received average 00 mm and district received average 0.1 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 38.47°C (+1.97 from normal) and 26.9°C (+1.79 from normal), respectively.** The mean relative humidity was 75-84%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> June (8.30IST)2024**

**Weatheradvisory:; Dry weather is forecasted for upcoming 5days in the block.** The day temperature will be 36-40°C and night temperature will be 28-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 47-75% and 16-29% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	11/06/2024	12/06/2024	13/06/2024	14/06/2024	15/06/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	37	36	38	38	40
T-Min(°C)	28	28	28	30	31
Cloud Cover	5	6	7	5	7
RH Max (%)	71	74	75	59	47
RH Min (%)	28	22	29	25	16
Wind Speed (Kmph)	23	25	28	27	25
Wind Direction (deg)	201	203	204	205	214

**Agromet Advisory**

**General advisory:**

**Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.**

**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:**

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**Summer Maize:**

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**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 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:** Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

**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.**

DrRanjan Kumar Mohanta  
(Nodal officer)



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



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Bulletin No.-502  
Date- 11/06/2024

**AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR**

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

The block received average 00 mm and district received average 0.1 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 38.47°C (+1.97 from normal) and 26.9°C (+1.79 from normal), respectively.** The mean relative humidity was 75-84%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> June (8.30IST)2024**

**Weather advisory: Dry weather is forecasted for upcoming 5 days in the block.** The day temperature will be 37-39°C and night temperature will be 28-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 44-74% and 14-26% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	11/06/2024	12/06/2024	13/06/2024	14/06/2024	15/06/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	37	37	38	38	39
T-Min(°C)	28	28	28	29	31
Cloud Cover(octa)	6	6	7	4	7
RH Max (%)	70	73	74	57	44
RH Min (%)	26	20	22	20	14
Wind Speed (Kmph)	22	24	26	24	25
Wind Direction (deg)	198	201	207	208	289

**Agromet Advisory**

**General advisory:**

**Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.**

**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:**

**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 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:** Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

**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.**

DrRanjan Kumar Mohanta  
(Nodal officer)



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Bulletin No.-502  
Date- 11/06/2024

**AGROMET ADVISORY BULLETIN FOR KANTAPADA**

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

The block received average 00 mm and district received average 0.1 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38.47°C (+1.97 from normal) and 26.9°C (+1.79 from normal), respectively. The mean relative humidity was 75-84%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> June (8.30IST)2024**

**Weather advisory; Dry weather is forecasted for upcoming 5days in the block.** The day temperature will be 35-41°C and night temperature will be 28-32°C for upcoming 5 days. Maximum and minimum relative humidity will be 54-77% and 16-35% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	11/06/2024	12/06/2024	13/06/2024	14/06/2024	15/06/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	36	37	36	41
T-Min(°C)	28	28	28	30	32
Cloud Cover(octa)	5	7	7	5	6
RH Max (%)	75	76	77	65	54
RH Min (%)	35	28	35	31	16
Wind Speed (Kmph)	24	27	32	30	26
Wind Direction (deg)	201	203	203	205	210

**Agromet Advisory**

**General advisory:**

**Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.**

**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:**

**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 Trifloxystrobin25% + 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:** Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

**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.**

DrRanjan Kumar Mohanta  
(Nodal officer)



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Bulletin No.-502  
Date- 11/06/2024

**AGROMET ADVISORY BULLETIN FOR MAHANGA**

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

The block received average 01 mm and district received average 0.1 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38.47°C (+1.97 from normal) and 26.9°C (+1.79 from normal), respectively. The mean relative humidity was 75-84%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> June (8.30IST)2024**

**Weather advisory: Dry weather is forecasted for upcoming 5days in the block.** The day temperature will be and it will be 36-40°C and night temperature will be 27-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 45-75% and 15-29% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	11/06/2024	12/06/2024	13/06/2024	14/06/2024	15/06/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	37	36	38	38	40
T-Min(°C)	28	27	28	30	31
Cloud Cover(octal)	6	5	7	4	7
RH Max (%)	72	74	75	58	45
RH Min (%)	29	24	26	24	15
Wind Speed (Kmph)	24	26	29	28	26
Wind Direction (deg)	201	201	204	208	289

**Agromet Advisory**

**General advisory:**

**Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.**

**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:**

**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:** Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

**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.**

DrRanjan Kumar Mohanta  
(Nodal officer)



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Bulletin No.-502  
Date- 11/06/2024

**AGROMET ADVISORY BULLETIN FOR NARASINGHPUR**

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

The block received average 00 mm and district received average 0.1 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 38.47°C (+1.97 from normal) and 26.9°C (+1.79 from normal), respectively.** The mean relative humidity was 75-84%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> June (8.30IST)2024**

**Weather advisory:** *Very light to light rainfall is forecasted for today and dry weather is forecasted for other 4 days in the block.* The day temperature will be 38-40°C and night temperature will be 25-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 41-65% and 11-23% 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	11/06/2024	12/06/2024	13/06/2024	14/06/2024	15/06/2024
Rainfall(mm)	5	0	0	0	0
T-Max(°C)	40	38	39	40	40
T-Min(°C)	25	26	28	29	28
Cloud Cover(/octa)	4	7	6	6	7
RH Max (%)	63	65	52	41	47
RH Min (%)	18	23	15	11	15
Wind Speed (Kmph)	12	13	13	14	17
Wind Direction (deg)	197	199	191	285	283

**Agromet Advisory**

**General advisory:**

**Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.**

**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:**

**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**.

**Cucutbits:** **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:** Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

**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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Bulletin No.-502  
Date- 11/06/2024

**AGROMET ADVISORY BULLETIN FOR NIALI**

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

The block received average 00 mm and district received average 0.1 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 38.47°C (+1.97 from normal) and 26.9°C (+1.79 from normal), respectively.** The mean relative humidity was 75-84%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> June (8.30IST)2024**

**Weather advisory: Dry weather is forecasted for upcoming 5 days in the block.** The day temperature will be 35-41°C and night temperature will be 28-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 59-78% and 19-42% 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	11/06/2024	12/06/2024	13/06/2024	14/06/2024	15/06/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	35	36	36	35	41
T-Min(°C)	28	28	28	30	31
Cloud Cover(octa)	5	7	7	6	6
RH Max (%)	77	77	78	68	59
RH Min (%)	41	33	42	35	19
Wind Speed(Kmph)	25	27	34	31	28
Wind Direction(deg)	203	203	203	207	236

**Agromet Advisory**

**General advisory:**

**Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.**

**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:**

**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:** Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

**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.**

DrRanjan Kumar Mohanta  
(Nodal officer)



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Bulletin No.-502  
Date- 11/06/2024

**AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI**

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

The block received average 00 mm and district received average 0.1 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38.47°C (+1.97 from normal) and 26.9°C (+1.79 from normal), respectively. The mean relative humidity was 75-84%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> June (8.30IST)2024**

**Weatheradvisory:** Dry weather is forecasted for upcoming 5days in the block. The day temperature will be 36-40°C and night temperature will be 28-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 47-76% and 16-31% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Nischintakoili(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	11/06/2024	12/06/2024	13/06/2024	14/06/2024	15/06/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	36	36	37	37	40
T-Min(°C)	28	28	28	30	31
Cloud Cover(octa)	6	5	7	4	7
RH Max (%)	73	75	76	60	47
RH Min (%)	31	25	31	27	16
Wind Speed (Kmph)	24	26	30	28	25
Wind Direction (deg)	201	201	204	208	214

**Agromet Advisory**

**General advisory:**

Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.

**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:**

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 Trifloxystrobin25% + 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:** Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

**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.

DrRanjan Kumar Mohanta  
(Nodal officer)



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**GRAMIN KRISHI MAUSAM SEWA  
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DISTRICT AGROMET UNIT  
KRISHI VIGYAN KENDRA CUTTACK**



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Bulletin No.-502

Date- 11/06/2024

**AGROMET ADVISORY BULLETIN FOR SALEPUR**

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

The block received average 00 mm and district received average 0.1 mm rainfall during the last week. **The mean daily maximum and minimum temperature was 38.47°C (+1.97 from normal) and 26.9°C (+1.79 from normal), respectively.** The mean relative humidity was 75-84%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> June (8.30IST)2024**

**Weather advisory: Dry weather is forecasted for upcoming 5days in the block.** The day temperature will be 36-40°C and night temperature will be 28-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 46-76% and 15-29% 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	11/06/2024	12/06/2024	13/06/2024	14/06/2024	15/06/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	36	36	38	38	40
T-Min(°C)	28	28	28	30	31
Cloud Cover(octa)	6	5	7	4	7
RH Max (%)	72	75	76	60	46
RH Min (%)	29	24	28	26	15
Wind Speed (Kmph)	24	26	30	28	25
Wind Direction (deg)	201	201	204	208	289

**Agromet Advisory**

**General advisory:**

**Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.**

**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:**

**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:** Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

**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.**

DrRanjan Kumar Mohanta  
(Nodal officer)



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Bulletin No.-502  
Date- 11/06/2024

**AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR**

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

The block received average 00 mm and district received average 0.1 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38.47°C (+1.97 from normal) and 26.9°C (+1.79 from normal), respectively. The mean relative humidity was 75-84%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> June (8.30IST)2024**

**Weatheradvisory:** Dry weather is forecasted for upcoming 5days in the block. The day temperature will be 37-44°C and night temperature will be 31-34°C for upcoming 5 days. Maximum and minimum relative humidity will be 62-80% and 26-54% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	11/06/2024	12/06/2024	13/06/2024	14/06/2024	15/06/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	37	37	38	38	44
T-Min(°C)	31	31	31	33	34
Cloud Cover(octa)	6	5	6	6	7
RH Max (%)	78	80	79	70	62
RH Min (%)	54	49	53	45	26
Wind Speed (Kmph)	27	30	37	33	28
Wind Direction (deg)	203	203	203	207	238

**Agromet Advisory**

**General advisory:**

Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.

**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:**

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:** Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

**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.

DrRanjan Kumar Mohanta  
(Nodal officer)



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**DISTRICT AGROMET UNIT**  
**KRISHI VIGYAN KENDRA CUTTACK**



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Bulletin No.-502  
 Date- 11/06/2024

**AGROMET ADVISORY BULLETIN FOR TIGIRIA**

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

The block received average 00 mm and district received average 0.1 mm rainfall during the last week. The mean daily maximum and minimum temperature was 38.47°C (+1.97 from normal) and 26.9°C (+1.79 from normal), respectively. The mean relative humidity was 75-84%.

**Forecasted period: Today(8.30IST) to 16<sup>th</sup> June (8.30IST)2024**

**Weather advisory:** Dry weather is forecasted for upcoming 5 days in the block. The day temperature will be 38-40°C and night temperature will be 27-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 43-70% and 13-22% 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)				
	11/06/2024	12/06/2024	13/06/2024	14/06/2024	15/06/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	38	38	39	40	40
T-Min(°C)	27	27	28	28	29
Cloud Cover(octa)	5	7	7	4	7
RH Max (%)	67	70	63	48	43
RH Min (%)	22	20	17	14	13
Wind Speed (Kmph)	19	20	19	17	22
Wind Direction (deg)	193	199	212	205	296

**Agro met Advisory**

**General advisory:**

Farmer should wait for sufficient amount of rainfall (75-100 mm in a week) for sowing of Karif Rice. Farmers should go for supplemental irrigation in vegetable field as there will be rise maximum temperature (above 35 °C). They are advised to spray 2%DAP +1%MOP in vegetables for increase in day temperature and soil moisture stress.

**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:**

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**Summer Maize:**

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**Vegetables:**

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**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:** Crop is at harvesting stage. In view of thunderstorm activity Farmers should complete harvesting.

**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.

DrRanjan Kumar Mohanta  
 (Nodal officer)



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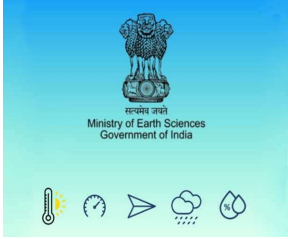
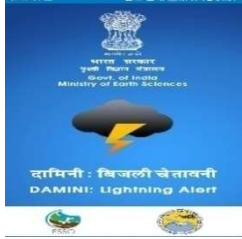


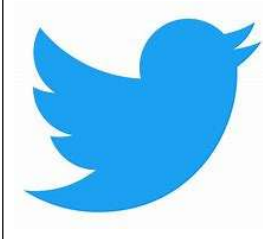
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Bulletin No.-502  
Date- 11/06/2024

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

1	ICAR-NRRI, Cuttack, Odisha	<a href="https://icar-nrri.in/agromate/">https://icar-nrri.in/agromate/</a>	
2	Agrimet division, IMD, Pune	<a href="https://imdagrmet.gov.in/imdproject/AGIndex.php">https://imdagrmet.gov.in/imdproject/AGIndex.php</a>	