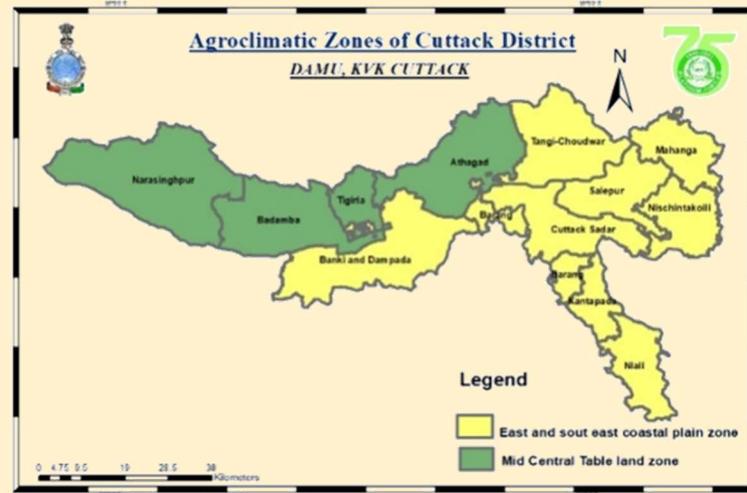




Cuttack District Block Wise Agro-met Advisory Service Bulletin

*Friday, 4th June, 2024
 (For the period 04th to 8th 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>Standardised Precipitation Index for the period 28th September to 25th October 2023</p>	<p>NOAA/VIIRS/BLENDED NDVI Composite ending on Week no 20 (13.05.2024 to 19.05.2024) over Agricultural region</p> <p align="center">Odisha</p> <p align="center">Agriculture vigour is moderate at few places of the state.</p>
<p>As per SPI value (cumulative 4weeks -28 September to 25 October 2023), mildly dry condition was there in Cuttack district.</p>	<p>According to NDVI map (13.05.2024 to 19.05.2024) the agriculture vigor was very light to light over maximum blocks of Cuttack district.</p>

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

LEGEND (Past week temperature)		
Color code	Temperature	Departure
[Blue]	Below Normal	< 2°C from normal
[Green]	Normal	-2°C to +2°C from normal
[Yellow]	Above Normal	>2°C from normal





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Bulletin No.-500
Date- 04/06/2024

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.-500

Date- 04/06/2024

AGROMET ADVISORY BULLETIN FOR ATHAGAD

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

The block received average 10 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.2°C (-1.28 from normal) and 27.12°C (+1.65 from normal), respectively. The mean relative humidity was 74-82%.

Forecasted period: Today(8.30IST) to 09th June (8.30IST)2024

Weather advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 37-40°C and night temperature will be 28-30°C for upcoming 5 days. Maximum and minimum relative humidity will be 66-71% and 17-26% 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)				
	04/06/2024	05/06/2024	06/06/2024	07/06/2024	08/06/2024
Rainfall (mm)	0	0	0	0	0
T-Max (°C)	39	40	38	37	39
T-Min (°C)	28	30	29	28	29
Cloud Cover (octa)	3	5	7	7	7
RH Max (%)	71	70	68	66	66
RH Min (%)	23	21	26	26	17
Wind Speed (kmph)	14	11	17	17	17
Wind Direction (deg)	205	198	206	204	204

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:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 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: 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.-500
Date- 04/06/2024

AGROMET ADVISORY BULLETIN FOR BADAMBA

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

The block received average 03 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.2°C (-1.28 from normal) and 27.12°C (+1.65 from normal), respectively. The mean relative humidity was 74-82%.

Forecasted period: Today(8.30IST) to 09th June (8.30IST)2024

Weather advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 38-40°C and night temperature will be 28-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 61-67% and 16-25% 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)				
	04/06/2024	05/06/2024	06/06/2024	07/06/2024	08/06/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	39	39	38	38	40
T-Min(°C)	28	29	29	28	28
Cloud Cover(octa)	3	4	7	7	7
RH Max (%)	66	65	67	62	61
RH Min (%)	23	21	25	23	16
Wind Speed (Kmph)	13	9	16	14	14
Wind Direction (deg)	225	161	216	212	203

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:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 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 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.-500

Date- 04/06/2024

AGROMET ADVISORY BULLETIN FOR BANKI

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

The district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.2°C (-1.28 from normal) and 27.12°C (+1.65 from normal), respectively. The mean relative humidity was 74-82%.

Forecasted period: Today(8.30IST) to 09th June (8.30IST)2024

Weather advisory:: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 37-40°C and night temperature will be 28-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-70% and 19-28% 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	04/06/2024	05/06/2024	06/06/2024	07/06/2024	08/06/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	39	40	38	37	40
T-Min(°C)	28	29	28	28	29
Cloud Cover(octa)	3	5	8	7	7
RH Max (%)	70	68	68	67	65
RH Min (%)	24	22	26	28	19
Wind Speed (Kmph)	15	11	18	17	17
Wind Direction (deg)	205	198	208	204	204

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:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 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 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.

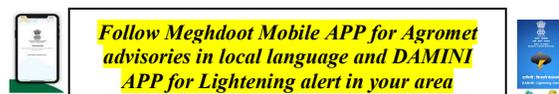
Fruit:

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.-500

Date- 04/06/2024

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

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

The block received average 09 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.2°C (-1.28 from normal) and 27.12°C (+1.65 from normal), respectively. The mean relative humidity was 74-82%.

Forecasted period: Today(8.30IST) to 09th June (8.30IST)2024

Weather Advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 36-40°C and night temperature will be 28-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 65-70% and 20-29% 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)				
	04/06/2024	05/06/2024	06/06/2024	07/06/2024	08/06/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	39	40	38	36	39
T-Min(°C)	28	29	28	28	29
Cloud Cover(octa)	3	5	8	7	7
RH Max (%)	70	68	69	68	65
RH Min (%)	24	22	26	29	20
Wind Speed (Kmph)	15	11	18	18	17
Wind Direction (deg)	205	203	208	204	204

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:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 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 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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(Nodal officer)



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**Bulletin No.-500
Date- 04/06/2024**

AGROMET ADVISORY BULLETIN FOR BARANGA

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

The block received average 03 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.2°C (-1.28 from normal) and 27.12°C (+1.65 from normal), respectively. The mean relative humidity was 74-82%.

Forecasted period: Today(8.30IST) to 09th June (8.30IST)2024

Weatheradvisory: *Dry weather is forecasted for today to Saturday in the block.* The day temperature will be 33-41°C and night temperature will be 28-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 69-74% and 23-43% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Baranga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/06/2024	05/06/2024	06/06/2024	07/06/2024	08/06/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	39	41	38	33	39
T-Min(°C)	29	31	29	28	29
Cloud Cover	4	7	7	7	6
RH Max (%)	70	70	74	72	69
RH Min (%)	27	23	29	43	25
Wind Speed (Kmph)	18	15	21	24	24
Wind Direction (deg)	204	201	207	204	204

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:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 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: 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.





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



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Bulletin No.-500
Date- 04/06/2024

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

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

The block received average 13 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.2°C (-1.28 from normal) and 27.12°C (+1.65 from normal), respectively. The mean relative humidity was 74-82%.

Forecasted period: Today(8.30IST) to 09th June (8.30IST)2024

Weather advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 35-40°C and night temperature will be 28-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-72% and 19-31% 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)				
	04/06/2024	05/06/2024	06/06/2024	07/06/2024	08/06/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	38	40	38	35	39
T-Min(°C)	29	31	29	28	29
Cloud Cover(octa)	4	7	7	7	6
RH Max (%)	71	70	72	70	68
RH Min (%)	24	21	26	31	19
Wind Speed (Kmph)	16	14	20	22	21
Wind Direction (deg)	207	203	207	204	204

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:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 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 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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Debasish Jena
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Bulletin No.-500
Date- 04/06/2024

AGROMET ADVISORY BULLETIN FOR KANTAPADA

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

The block received average 18 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.2°C (-1.28 from normal) and 27.12°C (+1.65 from normal), respectively. The mean relative humidity was 74-82%.

Forecasted period: Today(8.30IST) to 09th June (8.30IST)2024

Weather advisory; Dry weather is forecasted for today to Saturday in the block. The day temperature will be 32-41°C and night temperature will be 29-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 70-73% and 28-51% 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)				
	04/06/2024	05/06/2024	06/06/2024	07/06/2024	08/06/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	39	41	36	32	38
T-Min(°C)	30	31	29	29	29
Cloud Cover(octa)	3	7	7	7	6
RH Max (%)	71	70	73	73	71
RH Min (%)	30	28	41	51	30
Wind Speed (Kmph)	20	19	23	27	28
Wind Direction (deg)	204	204	204	204	203

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:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 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: 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.-500
Date- 04/06/2024

AGROMET ADVISORY BULLETIN FOR MAHANGA

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

The block received average 20 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.2°C (-1.28 from normal) and 27.12°C (+1.65 from normal), respectively. The mean relative humidity was 74-82%.

Forecasted period: Today(8.30IST) to 09th June (8.30IST)2024

Weather advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be and it will be 37-41°C and night temperature will be 29-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 67-71% and 19-34% respectively. There will be clear to partly cloudy sky for next 5days.

Block	Mahanga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/06/2024	05/06/2024	06/06/2024	07/06/2024	08/06/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	39	41	37	37	40
T-Min(°C)	29	31	30	29	29
Cloud Cover(octal)	4	8	7	7	6
RH Max (%)	71	68	67	70	68
RH Min (%)	25	22	34	31	19
Wind Speed (Kmph)	19	16	23	26	24
Wind Direction (deg)	207	203	207	207	207

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:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 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 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.-500
Date- 04/06/2024

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

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

The block received average 0.4 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.2°C (-1.28 from normal) and 27.12°C (+1.65 from normal), respectively. The mean relative humidity was 74-82%.

Forecasted period: Today(8.30IST) to 09th June (8.30IST)2024

Weather advisory: *Dry weather is forecasted for today to Saturday in the block.* The day temperature will be 38-41°C and night temperature will be 27-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 55-64% 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	04/06/2024	05/06/2024	06/06/2024	07/06/2024	08/06/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	38	39	38	38	41
T-Min(°C)	27	29	29	27	28
Cloud Cover(/octa)	3	4	7	7	7
RH Max (%)	61	57	64	55	55
RH Min (%)	21	20	23	21	16
Wind Speed (Kmph)	10	6	10	11	12
Wind Direction (deg)	225	161	225	207	195

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:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 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 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.

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.-500

Date- 04/06/2024

AGROMET ADVISORY BULLETIN FOR NIALI

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

The block received average 06 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.2°C (-1.28 from normal) and 27.12°C (+1.65 from normal), respectively. The mean relative humidity was 74-82%.

Forecasted period: Today(8.30IST) to 09th June (8.30IST)2024

Weather advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 33-39°C and night temperature will be 29-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 71-75% and 33-53% respectively. **There will be clear to partly cloudy sky for next 5days.**

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
	04/06/2024	05/06/2024	06/06/2024	07/06/2024	08/06/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	39	41	35	33	38
T-Min(°C)	30	31	29	29	29
Cloud Cover(octa)	4	7	8	7	6
RH Max (%)	73	71	75	75	73
RH Min (%)	33	34	51	53	35
Wind Speed(Kmph)	22	21	25	30	31
Wind Direction(deg)	204	204	207	204	203

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:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 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: 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.-500
Date- 04/06/2024

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI

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

The block received average 04 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.2°C (-1.28 from normal) and 27.12°C (+1.65 from normal), respectively. The mean relative humidity was 74-82%.

Forecasted period: Today(8.30IST) to 09th June (8.30IST)2024

Weatheradvisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 36-41°C and night temperature will be 29-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-71% and 22-38% 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	04/06/2024	05/06/2024	06/06/2024	07/06/2024	08/06/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	39	41	37	36	40
T-Min(°C)	29	31	30	29	29
Cloud Cover(octa)	4	7	7	7	6
RH Max (%)	71	68	69	71	68
RH Min (%)	27	23	38	36	22
Wind Speed (Kmph)	19	17	23	26	25
Wind Direction (deg)	204	204	207	207	204

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:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 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 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
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.-500

Date- 04/06/2024

AGROMET ADVISORY BULLETIN FOR SALEPUR

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

The block received average 05 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.2°C (-1.28 from normal) and 27.12°C (+1.65 from normal), respectively. The mean relative humidity was 74-82%.

Forecasted period: Today(8.30IST) to 09th June (8.30IST)2024

Weather advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 36-41°C and night temperature will be 29-31°C for upcoming 5 days. Maximum and minimum relative humidity will be 68-71% and 21-35% respectively. There will be clear to partly cloudy sky for next 5 days.

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	04/06/2024	05/06/2024	06/06/2024	07/06/2024	08/06/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	39	41	37	36	40
T-Min(°C)	29	31	30	29	29
Cloud Cover(octa)	4	7	7	7	6
RH Max (%)	71	69	69	71	68
RH Min (%)	26	22	35	34	21
Wind Speed (Kmph)	19	16	23	26	25
Wind Direction (deg)	204	203	207	207	204

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:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 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 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.-500
Date- 04/06/2024

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

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

The block received average 10 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.2°C (-1.28 from normal) and 27.12°C (+1.65 from normal), respectively. The mean relative humidity was 74-82%.

Forecasted period: Today(8.30IST) to 09th June (8.30IST)2024

Weatheradvisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 34-40°C and night temperature will be 31-32°C for upcoming 5 days. Maximum and minimum relative humidity will be 75-77% and 43-64% 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)				
	04/06/2024	05/06/2024	06/06/2024	07/06/2024	08/06/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	39	40	34	37	40
T-Min(°C)	31	32	31	31	32
Cloud Cover(octa)	4	6	8	6	7
RH Max (%)	77	75	77	75	75
RH Min (%)	43	43	64	53	43
Wind Speed (Kmph)	25	24	28	33	34
Wind Direction (deg)	203	207	212	212	204

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:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 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 Metalyxyl+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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(A Unit of ICAR-National Rice Research Institute)

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

Bulletin No.-500
Date- 04/06/2024

AGROMET ADVISORY BULLETIN FOR TIGIRIA

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

The block received average 09 mm and district received average 08 mm rainfall during the last week. The mean daily maximum and minimum temperature was 36.2°C (-1.28 from normal) and 27.12°C (+1.65 from normal), respectively. The mean relative humidity was 74-82%.

Forecasted period: Today(8.30IST) to 09th June (8.30IST)2024

Weather advisory: Dry weather is forecasted for today to Saturday in the block. The day temperature will be 37-39°C and night temperature will be 28-29°C for upcoming 5 days. Maximum and minimum relative humidity will be 64-70% and 16-25% 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)				
	04/06/2024	05/06/2024	06/06/2024	07/06/2024	08/06/2024
Rainfall(mm)	0	0	0	0	0
T-Max(°C)	39	39	38	37	39
T-Min(°C)	28	29	29	28	29
Cloud Cover(octa)	3	5	7	7	7
RH Max (%)	70	69	66	64	64
RH Min (%)	23	21	25	24	16
Wind Speed (Kmph)	14	10	16	15	15
Wind Direction (deg)	203	169	208	207	203

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:

Farmers should go for irrigation especially in flowering to fruiting stage of vegetables due to anticipation of increase in day temperature in next 5 days.

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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 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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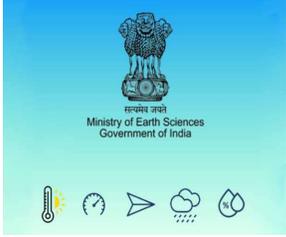
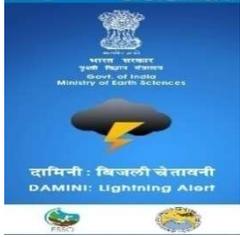
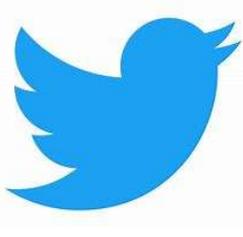
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Bulletin No.-500
Date- 04/06/2024

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

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

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

